HOLSTEIN-FRIESIAN WORLD

EASTERN EDITION

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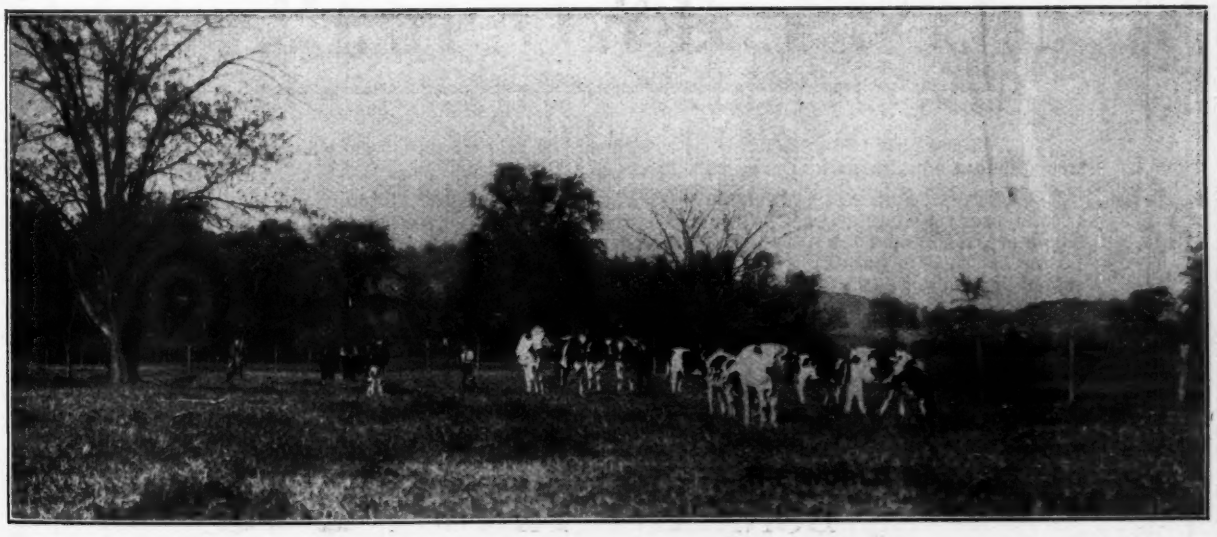


A SAFE AND SANE FOURTH

King of the Black and Whites

The Bull Carrying the Blood of 3 Families
Having 3 Generations of 30-lb. Cows

The only bull whose 7 nearest dams have records that average 31.04 lbs. butter in 7 days, and 6 of them 30-lb. cows, and the average 30-day records of those 6 is 126.58 lbs., which is the greatest of any bull of the breed.

The only bull that has sired two 30-lb. cows that have each produced a 30-lb. daughter that have also produced 30-lb daughters. Appears three times in the pedigree of King of the Black and Whites, giving him the strongest transmitting blood of any bull of the breed.

A few bull calves from high record dams, sired by this sire, for sale.

State about what you wish to pay and we will describe the best bull we can sell for the money.

A. A. Hartshorn Holstein Co.

HAMILTON, N. Y.

ONLY TWO LEFT

We have only two yearling bulls to offer at the present time. They are finely bred are splendid individuals and are ready for immediate service.

The first, born April 5, 1913, is a son of Admiral Walker Pietertje who has 53 A. R. O. daughters including three with records above thirty pounds of butter in seven days. His dam is a splendid dairy cow a heavy and persistent producer with records of 20.7 lbs. of butter in seven days and 84 lbs. in thirty days. This bull is well grown, finely proportioned and light in color.

The second, born May 21, 1913, is sired by King Quality, whose four nearest dams average over 32 lbs. of butter and 595 lbs. of milk in seven days. The dam is a 23.4 lbs. daughter of Admiral Walker Pietertje. She also has a yearly record of 870 lbs. of butter and nearly 20,000 lbs. of milk. This bull is as straight as a line and a first class individual in every respect.

Write for charts and prices or better come and see them, as we know these bulls will please you.

BONALEVO FARMS

R. E. CHAPIN & SON BOX C BATAVIA, N. Y

KING MASTER, No. 117183

ONE OF THE BEST BRED HOLSTEIN BULLS ALIVE

Individually, he is considered by Breeders **"Who Know"** as one of the best; having all of the qualifications of a prize-winner and breeding backed by known transmitting ancestry.

His sire, **King of Kings,** whose only daughter to be tested has a senior two-year-old record of 23.39 lbs. butter in 7 days.

His dam, **Aaggie Pauline Sarcastic,** with a record of 36.35 of butter in 7 days, average per cent fat 4.69; and 134.95 of butter in 30 days, average per cent fat 4.29; is one of the World's Record cows. She is the highest record show cow in the world; this proving conclusively her superior excellence in every respect.

His grandsire, **Lord Netherland De Kol,** has more A. R. O. daughters and more producing daughters than any other sire, living or dead.

His grandam, **Susie Hengerveld De Kol,** with a record of 27.62 of butter in 7 days, average 5.12%; is the dam of three A. R. O. daughters; her record, when made, was the world's record. This is one of the few really great foundation cows, rich in the blood of the World's Record cows, **De Kol 2d,** 26.57 of butter and **Susie De Kol,** 25.30 of butter.

As stated by a prominent Holstein breeder: "What goes into an animal through its ancestors will come out through its descendants." Therefore, from the breeding above outlined, is it not convincing evidence that **KING MASTER** Is the **PREMIER BRED BULL?** We invite you to come to Nazareth and inspect our herd.

SERVICE, TO INSURE A LIVE CALF, $150.00

Do some of you breeders need high record young bulls to build up your herds? If so, write us. We have them.

Thoroughbred and registered Berkshires for sale. Booking orders for May and June pigs, Sows $12.00, Boars $10.00.

GREEN ACRE FARMS

JOHN A. MILLER, Prop.
Nazareth, Pa.

CALVIN TOBIAS, Supt.
R. F. D. No. 3, Nazareth, Pa.

FAIRVIEW FARMS HERD

IN talking about great bulls, do you ever stop and think what a great bull really is? Did you ever study the breeding of **Rag Apple Korndyke 8th No. 73416**—the strongest bred Korndyke bull in the world. His dam, **Pontiac Lady Korndyke** (38.03 lbs. in 7 days and 156.92 lbs. in 30 days, both World's records when made) is a 75% daughter of **Pontiac Korndyke** out of **Lady Korndyke Pauline De Kol** (29.14 lbs. in 7 days and 115 lbs. in 30 days) also a daughter of **Pontiac Korndyke. Rag Apple Korndyke 8th** is sired by **Rag Apple Korndyke,** a son of **Pontiac Korndyke,** out of **Pontiac Rag Apple** (31.62 lbs. in 7 days) and a full sister to **Pontiac Clothilde De Kol 2d** (37.21 lbs. in 7 days). **Rag Apple Korndyke 8th,** therefore, traces four times direct to **Pontiac Korndyke,** and carries 75% of the blood of this greatest of all sires of the past.

Come and see Rag Apple Korndyke 8th and his splendid sons and daughters at Fairview.

E. H. DOLLAR, Heuvelton, N. Y.

Great Yearly Milk and Butter Cows Our Specialty

RIVERSIDE SADIE DE KOL BURKE

Average Milk 6 mo. 100.4 lb. daily
Milk 1 yr. 28,826.4 Butter 1085.13
Milk 2 yr. 54,808.2 Butter 2065.29
Butter 7 days 32.29 30 days 130.14
Milk 30 days—Average per day 124.5

Result of Two Years Semi-Official Testing

ARALIA DE KOL, AT 12½ YEARS
First 28,000-lb. Cow

Milk 1 yr. 28,090.0 Butter 1142.32
Milk 2 yr. 50,993.4 Butter 2103.04
Butter 7 days 30.14 30 days 122.30
Milk 30 days—Average per day..... 102.3

6 Cows Average	Butter	1005.01	Milk	23,109.4
15 Cows Average	Butter	901.40	Milk	20,525
40 Cows Average	Butter	776.22	Milk	18,160
50 Cows (including 13 2-yr-olds)	Butter	736.36	Milk	17,350

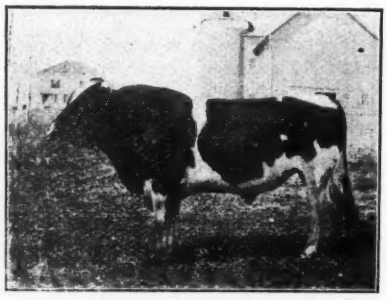
Head your herd with a bull whose dam and sire's dam are 30-lb. cows with 1000-lb. yearly records. The future market is going to be for yearly record stock. We offer several calves with such backing, also two or three whose three nearest dams average 1000 lbs. butter and around 25,000 lbs. milk. They are splendid individuals, combining great dairy type, transmitting ability, and heavy production.

Write us for prices and pedigrees.

A. W. MORRIS & SONS CORPORATION :: Woodland, California

BE SURE TO MENTION THE WORLD

This is Sir Veeman Hengerveld



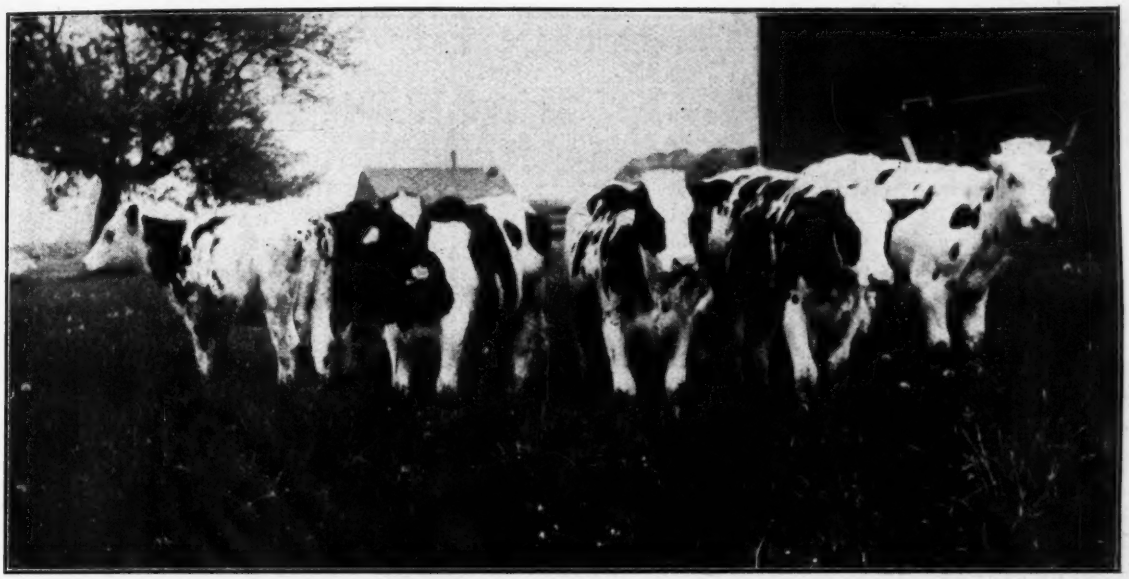
the bull that is making good through both his sons and daughters. Don't you want to breed this kind? Here is one of his sons, ready for immediate service, two-thirds white and a splendid individual. The dam made her 2-yr.-old record of 14.41 lb. in July and is sure to make a big record in later tests. She was by Sir Korndyke Pontiac Artis, and from one of the good daughters of Sir Veeman Hengerveld.

This is a bull that will make money for you.

Pleasant Hill Herd :: Poland, New York

Holstein-Friesian World

Vol. XI LACONA, N. Y., JULY 4, 1914 No. 27



A bunch of early winter calves by Sir Segis Korndyke Walker. Owned by F. C. & K. A. Overton, Adams, N. Y.

The Overton Herd

By M. S. Prescott.

THE MAN who can make a success of farming must be possessed of both skill and brains for there he will have ample opportunity to use them. If, however, he combines with scientific farming the development of a herd of Holsteins, here is a real man's job—one that only a man of ability is big enough to hold down. A recent visit at Adams, N. Y. impressed the writer with the idea that Mr. F. C. Overton and his son, Kent, are doing things as they ought to be done—they are carrying on their farming operations in a manner befitting their scientific education along this line, and are developing a herd of Holsteins that is bound to rank with the best.

The Overton farm consists of about two hundred thirty acres, partly in timber, so that a round two hundred acres is under the plow. This is worked in the following rotation—oats, hay, pasture, corn—one year for each. A system of soiling is followed, the grass from a part of the pasture being mowed and fed green. Over thirty loads have already been cut this year, and the pasture is still of a quality that many of us would envy for our meadows. A new barn is in process of construction, and next year or this fall a two hundred foot stable will take the place of the one now in use. Altogether this will give stabling room for one hundred head, which is the number to be kept.

The senior member of the firm took charge of the farm just thirty years ago. At that time he was in partnership with his father, purchasing a half interest in the farm and equipment. The barn was full of grade Durhams. As a dairy proposition, these were of course, a failure, and it was therefore decided to replace them with Holsteins. The foundation for the present herd was laid in 1888 by the purchase from Henry Stevens & Sons of a bull, a grandson of Netherland Prince; a cow, and two heifers. The cow was Mary's Charm, imported. She has a private record of over 18,000 lb. milk in a year, averaging over 66 lb. per day for six months. Many of the present herd are descended from this grand old cow.

When another sire was needed, a visit was again made to Henry Stevens & Sons and this time De Kol 2d's Pauline 3d's Paul was secured. He was by the noted prize winner, Calamity Jane's Paul, and from De Kol 2d's Pauline 3d, a 16-lb. 2-yr-old daughter of Manor De Kol and De Kol 2d's Pauline, a 24-lb. 4-yr-old daughter of De Kol 2d (26.58 lb.) He thus closely combines the blood of the three great foundation cows, De Kol 2d, Netherland Hengerveld, and Calamity Jane. This was a remarkably prepotent sire, and his influence upon the character of the herd has been most marked. He now has 23 A. R. O. daughters, including a 25-lb. cow, two with 24-lb. records and two others above 20 lb. That they are individually good is shown by the accompanying photograph of one of them which is now in the herd.

The next sire was Pontiac Korndyke Hengerveld, a son of Pontiac Korndyke, from the wonderful cow, Pontiac Pleione, one of the very greatest daughters of Hengerveld De Kol. Several of his daughters are still in the herd, but they do not possess quite the merit of the daughters of his predecessor.

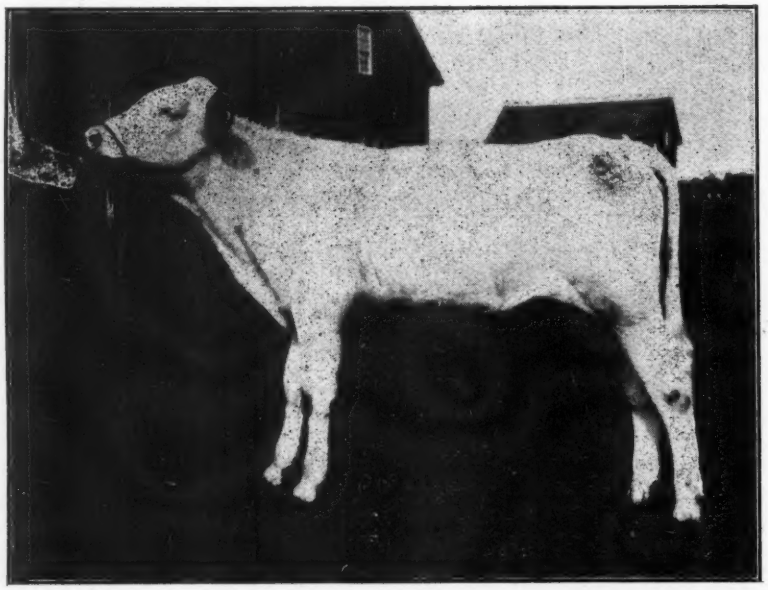
Following Pontiac Korndyke Hengerveld came the present sire, Sir Segis Korndyke Walker. It is difficult to determine just what to say

first concerning this young sire, for so many things crowd themselves upon us claiming our attention, his breeding and his individuality, the individual quality of his daughters and their records. Taking up each phase in the order given, we find that in respect to breeding, Sir Segis Korndyke Walker is highly favored. His sire, Walker Korndyke Segis, is one of the best sons of the great King Segis. He was out of Lillian Walker 3d, a 28.74-lb. daughter of Sir Korndyke Manor De Kol and the 24-lb. foundation cow, Lillian Walker. The dam of Sir Segis Korndyke Walker is Aaggie Hengerveld De Kol Pietertje, who was by the peerless Hengerveld De Kol and from the noted 24-lb. 4-yr-old, Aaggie Grace 2d's Pietertje 2d, a daughter of De Kol 2d's Butter Boy 3d and the 23-lb. show cow, Aaggie Grace 2d's Pietertje distinguished as the first cow to produce in official test over 100 lb. milk in a day. This pedigree is worthy of study. On both sides we find a long succession of good normal records with transmitting power of the highest type—Hengerveld De Kol, King Segis, De Kol 2d's Butter Boy 3d, and Sir Korndyke Manor De Kol; Aaggie Grace 2d's Pietertje and Lillian Walker. The results of this kind of a pedigree are reflected in Sir Segis Korndyke Walker and his offspring. As the photograph shows the bull himself is just as good individually as he could be made—in fact we don't know exactly where he could be faulted. And his offspring are real chips off the old block—the accompanying photographs show a few of them. There are forty-five in the herd, and a nicer, more even lot by one sire it has never been the privilege of the writer to inspect. In the vernacular, they have the class, and that about expresses it. A few of the older daughters, about ten I believe, have freshened. The following list gives the names and records of a few of them:

Pietertje Rose Walker De Kol 2½	y		22.34
Hengerveld Korndyke Princess	30	m	21.49
Pietertje Pontiac Princess 4th	29	m	20.22
Bessie Netherland Hengerveld 2d	28	m	19.36
Lady Artis Segis	26	m	16.40
Lady Burnmeade Segis Pauline	24	m	16.24
Artis Rose De Kol 2d	24	m	15.79
Walker Daisy Queen	32	m	14.31
Rose Walker Maid	23	m	14.12
Duchess Inka Korndyke	34	m	13.40

These ten heifers, all 2-yr-olds with first calf average 17.36 lb. Few sires can equal this average for their first ten daughters.

For the most part these heifers are being bred back to their sire, and the calves which are resulting certainly show no ill effects from the inbreeding.



A young son of Sir Segis Korndyke Walker. His dam is a 22-lb 2-yr-old daughter of the same sire. Owned by F. C. and K. A. Overton, Adams, N. Y.

The firm of F. C. & K. A. Overton was formed about three years ago, when Kent, one of Mr. Overton's sons, purchased a half interest in the farm and stock. The whole plant is now under his immediate supervision. Mr. Overton Sr. remarked that when he purchased a half interest in the business from his father he had proceeded cautiously, the receipts had not been large, but the expenditures were enough smaller so that his debt was steadily reduced. He brought up the question of whether even with the present day high prices for cattle, considering the heavy expenditures for grain, cattle buildings, etc. there would be as great net profit as by the old way. As I thought the matter over amid the surroundings of the Overton farm, with that wonderful lot of heifers before me in the yard, with the fine string of mature cows in the stable, the fertile fields stretching away in every direction, and last but not least, the herd sire in his stall. It seemed to me that Kent, with ordinary luck, should be able to pay for his share of the big business much more

PONTIAC KORNDYKE HENGERVELD—A former Overton Herd sire.

easily than had his father thirty years before, when as a young man he began to earn for himself a half interest in his father's business.

The future of the Overton Herd is being built upon Sir Segis Korndyke Walker, and he is abundantly able to shoulder the responsibility.

In the competent hands of the Messrs. Overton, they are bound to do their share in the making of Holstein history during the coming year.

A RESOLUTION.

Whereas, It has seemed best to an all wise Providence to take from our midst the presence of our esteemed associate in the Madison-Chenango Counties Holstein-Friesian Breeders Club, Ray B. Tooke, and

Whereas, We, the members of this Club, not only regret our own loss in his absence but sincerely feel that sympathy for the sorrow which comes greatest to the ones to whom he was most dear, therefore be it

Resolved, That the members of this Club show their appreciation and esteem of Ray B. Tooke and express their sorrow and their sympathy to the members of Mr. Tooke's family by spreading this resolution on the records of the Club, by publishing the

PONTIAC PLEIONE—Butter 346 days, 925.56; milk, 24820.20. Dam of Pontiac Korndyke Hengerveld.

resolution in the Holstein-Friesian World, and by sending a copy of it to his family.

Recent visitors in the World office are Robert Steele, Goshen, N. Y., Grant Farrington, Pulaski, N. Y., and W. W. Jones, Dayton, N. Y.

Holstein-Freisian Fads

By Harry Mason Knox.

BACK in 1904 I think it was, I wrote an article that was published in the Holstein-Friesian World to the effect that seemingly the remarkable productive qualities of our breed outshadowed everything else, so that productivity would be our fad for the good of the breed rather than we should run to any special thing; in that article I spoke of the Guernsey people desiring special markings and the Jersey man running to the fad of imported stock at a sacrifice to the best welfare of the breed. Little did I think that we ourselves would have a color fad; we have had it, but we are safely over it and seemingly no detriment has occurred to the breed for this short craze for light colored Holstein-Friesians. There is a fad now to obtain seemingly something that is impossible. Breeders are sacrificing individuality to get animals whose ancestry have a high butter average regardless of how the test was made or by whom it was made. This is not for the best welfare of the breed.

It is not for the best welfare of the breed to think in terms of butter fat. Better that we had never had it. Ours is a great and the greatest milk breed and while the test of Spring Farm Pontiac Lass is a world's record, she having made 35.343 lbs. of fat from 585.9 lbs. of milk, I look with more reverence to that noble animal of the breed, De Kol Burke's daughter, Riverside Sadie De Kol Burke, who produced 25.834 lb. fat from 902.1 lb. milk in seven days, 104.111 lb. fat, 3707 lb. milk in 30 days, and 868 lb. fat from 28,8'6.4 lb. milk in 365 days; or to Paula of Chagrin Falls 3d, who has yielded 6300 of milk in 60 days and given over an average of 4 lbs. butter per day for the time. She is going now at such a rate that her owner feels that she will yield over 30,000 of milk in a year. The greatest good has come to the breed through cropping out of remarkable animals such as Hengerveld De Kol. His mother did not have a large record, but his offspring were remarkably productive animals, of a conformation and large capacity that were for the best interests of the breed. The King of the Pontiacs gets his size and dairy contour, I like to believe, from his mother, Pontiac Lunde Hengerveld, a daughter of Hengerveld De Kol, and his forcefulness of dairy qualities through old Pontiac Korndyke. There is no question, but he is a wonderful sire and his sons are almost unobtainable unless a man is willing to part with a small fortune to secure one of them. Recently a young sire bred in producing lines, son of a world's record semi-official 2-yr-old with a rec-

ord of over 20,000 lbs. of milk was brought into the sale ring and went begging at less than $500. Had he been a son of King of the Pontiacs out of an untested dam he would have started at probably $500. This young sire was an excellent dairy contoured animal. His offspring would have added laurels to the breed. Perhaps offspring out of a son of the King of the Pontiacs and an untested dam would do as well, but the fact is there just the same, a remarkable bull went begging at a sacrifice price. We are faddists and a good many sires are sacrificed that would add laurels to the breed because this is so. I don't want you to feel that I do not appreciate the productive qualities of King of the Pontiacs for I do, and one has only to see his daughters and sons to know this. But what I would impress if possible upon the young breeders is first of all, look to the individuality of the animal and if possible see just as much of the ancestry as you can before you purchase. Do not be a faddist to a particular line of breeding, and do not purchase with the view of a high butter average for I confidently believe that the breeders that are doing this are sacrificing the best welfare of the breed. Then look to the quantity of milk given. I know of a breeder that can advertise to the Holstein-Friesian World that he has a sire whose two immediate dam's official records average higher than any other sire of the breed. He has mated two animals that are not large, strong and robust and obtained a nicely contoured young animal that in its calf age does not show strong robust qualities. The result of this mating is to be seen. I predict though that they will not be as my ideal Holstein should be, large, robust, open contoured individuals, females in their mature form weighing 1500-1800 lbs. Such animals easily consume a large amount of rough forage and manufacture it into milk economically and we should strive for them. If you are a faddest or want a hobby make it "The growing and developing of large, capacious Holstein-Friesian animals."

"First of all look to the individuality of the animal; then to the quantity of milk given."

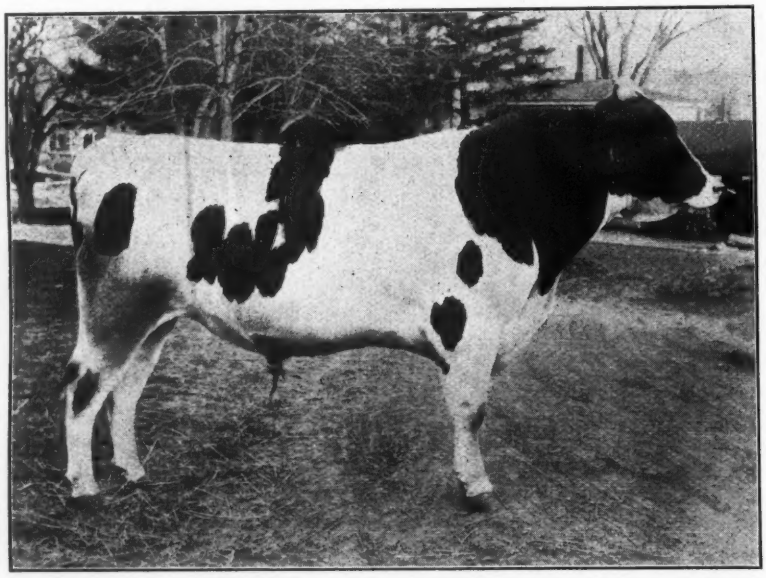
OUR COVER ILLUSTRATION.

"A Safe and Sane Fourth" shows the Nonpareil Herd in pasture. This herd is owned by Fay & Cloyes, Earlville, N. Y., and is one of the best in a selection noted for its good cattle.

George A. Gue, the well known Pacific Coast Breeder and Auctioneer, recently underwent an operation on his foot, which necessitates his traveling on crutches for the next month.

The Business Side of Dairying

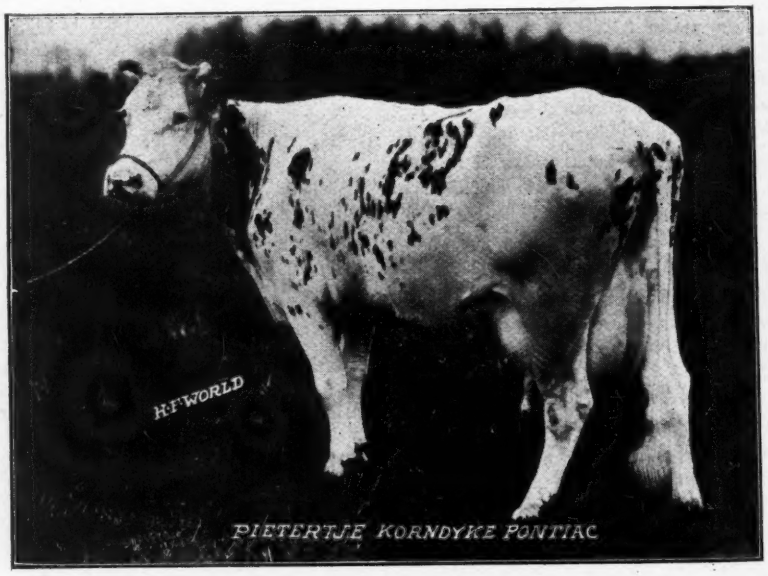
DAIRY farming has changed from the selling of surplus products at the country store into a gigantic commercial industry requiring good business methods and close study of details. The day of the husky man in blue overalls and milk stained boots is past. Years ago a dairy farmer's standing in the community was determined largely by the amount of milk on his boots. Today the better class of dairymen wear clean clothes while milking. Brains have come to be mightier than brawn. The men who are making a success of dairy farming are the thinkers, not the careless workers.



KING LYONS 3d—The latest photograph of J. H. Stone's great bull, who was by the Moyerdale sire, King Lyons, and from Gypsy Hengerveld, a 29-lb. 3-yr-old daughter of Judge Hengerveld De Kol.

The dairyman of today cannot work long hours in the field and stables, and then rest with untroubled brow. He must study feeds and feeding, breeds and breeding; weigh the feed given and the milk taken from each individual; breeding from those showing a good profit, eliminating the low producers. In the management of a successful dairy business there are four factors which we must take into consideration: labor, cows, feed and market.

The successful dairyman has a natural love for his dairy cows, provides for their comfort and feeds them according to their daily requirements. He cannot tell his men exactly how to feed each cow in the herd; they should understand the cows and be competent to note their peculiarities and approximate their individual needs from day to day. The dairy hand should possess both science and natural skill to feed, milk and care for cattle and handle dairy utensils and dairy products. Few other business trades or professions demand so many exacting requirements in one man as dairying. Health, cleanliness, education, good habits, good disposition and regularity are some of the requisites of a high-class dairy hand.



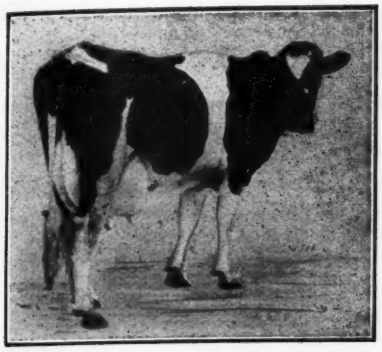
PIETERTJE KORNDYKE PONTIAC—Butter, 30.05; milk, 488.10; average fat, 4.93. A daughter of Pontiac Korndyke Hengerveld. Bred by F. C. & K. A. Overton, Adams, N. Y. Owned and developed by Wm. B. Wickersham, Embreeville, Pa.

Expensive stables, pure-bred dairy cows and high salaried farm managers cannot make good milk with cheap careless, ignorant and fifthy milkers; for, after all our efforts, we are entirely dependent upon the skill and ability of the men who do the milking. Several years ago an eastern dairyman invested more than $40,000 in buildings and dairy cattle to establish a certified milk business. He employed a high-salaried manager who tried by employing cheap laborers, and by enforcing rules of cleanliness, washing and disinfecting, to produce high class milk. The milk was frequently bad, and the farm failed to pay operating expenses. Two years ago he employed a new manager. New men were employed and a bonus of $15 per month was paid to each man if the bacterial count did not reach 5,000 per cc. more than twice during the month. The men have been paid the bonus every month but once since the system was introduced. The trouble that month was the result of bad work on the part of one milker and he was discharged at once. The trade rapidly increased, the price was raised three cents per quart, and the farm is now paying substantial profits. The hired hands take an active interest in the care of the cows, because it will mean a loss of $15 in each of their pay checks if they neglect their work.

The test that brings all labor together on the same level for comparison is the amount of money it will pay for a certain number of hours' work. The average dairyman begins work at 4 or 5 o'clock in the morning and finishes at 7 or 8 in the evening. Is it any wonder that the farm hand shies at dairy cows, alarm clocks and lanterns? Very true, the dairyman pays all he can afford, and likely more than he himself receives, after allowing for interest on his invest-

ment, and figuring pay by the hour for himself and family.

The successful dairyman is satisfied to work long hours in the field and barns and give clean, honest goods every day in the year, if he can receive enough to pay his help proper wages, pay for grain and equipment, and receive $2 per day for his labor—and what other kind of business or profession calls for less? This the dairyman should get, and must

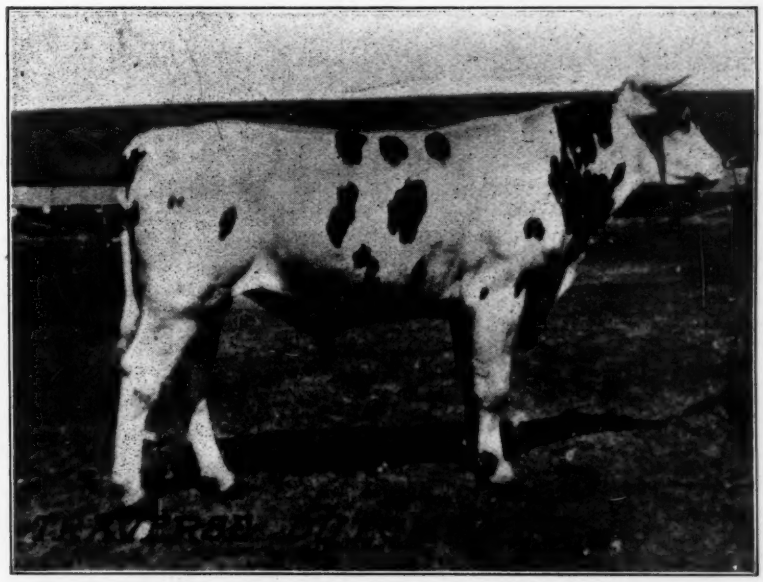


AAGGIE BEAUTY OF LINDENWOOD 2d—At 4 yr., 2 mo.—Butter, 30.16; milk, 485.20; average fat, 4.97. Owned by G. W. Rising, Fayette, Ohio.

get, to be fair to himself and those dependent upon him. It is a business that depends upon the personal attention of the owner every day and week in the year. It is not a business calculated to pay big dividends to rich investors, nor for a careless and ignorant man who gives his cows little care and study; nor for a man who keeps cows that produce less than 6,000 pounds of milk in a year; nor for the man who will not keep records, or study the cost of feed and compute the profit on individual cows; nor for him who employes cheap, careless hands, and produces milk loaded with bacterial filth, or which is put in unclean pails and cans. It is for the business dairyman who operates his farm and dairy as a business, studies every detail and investigates the sources of profit and loss as carefully as the manufacturer who employs skilled help and pays them what they are worth.

The dairyman, to be successful, must have the wellbred, well-developed dairy cow. The more food she is capable of handling and economically converting into flesh and dairy products, the greater her value. Good cows are scarce and hard to find. While the average production of the whole country is less than 3,500 pounds of milk per cow per annum, and that of the best dairies around 8,000 pounds, there are a few individual cows in some herds that have produced over 20,000 pounds, and there are cows that have given over 25,000 pounds in a year. Why is the average production of our herds so far below those figures? What excuse is there for such a waste of time and feed to breed and raise scrub cows which are a source of loss as long as they are kept on the farm? Simply that dairymen have neglected to take advantage of the laws of heredity and breeding. No matter how good stables and foodstuffs we have, we cannot achieve success without devoting more attention to the breeding end of the business. It is not necessary or advisable for the business dairyman to buy or breed registered cows, but by all means breed to a registered bull of some leading dairy breed, and stick to that breed.

In selecting a bull to breed from, see to it that his dam and grandams are of the type and quality which you wish your future herd to resemble. The bull is a representative of his dams and grandams, and if these ancestors have the characteristics you want in your herd, and he is a choice individual, you may feel sure that he will bring about the desired results of improvement. Raise your best heifer calves, and if they are from cows of mixed blood they are quite sure to take on the good qualities of the sire's family; and often the first cross of grade cows with a pure-bred dairy sire will produce a herd of as great producing cows and with better consitutions than a herd of pure-bred cows. Of course, if the cows are pure-breds of another breed, there is a clash of contending forces that renders the chances of raising the standard less certain.—L. J. M., in The Farmer's Review.



TRAVERSE DUTCH WEG—A son of the World's Champion six-months producer, Traverse Princess Weg, who also produced over 24,000 lb. milk in semi-official yearly test. Owned by E. W. McNitt, Grand Rapids, Mich.

ANOTHER GOOD PACIFIC COAST SALE

At the Portland Union Stock Yards on Wednesday, June 10, the Holstein herd of Thos. Carmichael, Gaston, was dispersed; Mr. Carmichael's neighbor breeder, W. K. Newell, of Seghers, consigned three; Geo. A. Gue of Ridgefield, Wash. nine; and Albert Johnson of Scappoose, Ore., and Dr. L. G. Stickney of Portland, Ore., one each. In spite of the fact that the Rose Festival was in full swing and the spectacular horse and automobile parade was given during the day, there was a good attendance at the sale and nearly all who were there came to buy, although a few breeders attended just because they could not stay away.

The prices received must have been satisfactory to the consignors and gratifying to Holstein breeders generally. Mr. Carmichael's cow, Loleta Strain, topped the sale, going to Arthur Edwards of Turner, Ore., for $425. Mr. Edwards also got one more of Mr. Carmichael's offerings, both of Mr. Newell's cows and two females from Mr. Gue, paying $1770 for the six. Chas. Barnard of Beaverton, Ore., secured four good ones for $1240 and was the next largest buyer. E. B. Marks of North Yakima, Wash., could not refrain from buying three and Mr. Carmichael took three of the young things Mr. Gue offered, thereby proving his declared intention to get back ino the Holstein breeding as soon as his affairs can be so arranged.

Mr. Carmichael's consignment brought the highest average price. Mr. Gue's were mostly young heifers and calves and the bulls offered by

Messrs. Johnson and Stickney were over-night consignments and had no advertising whatever. Mr. Carmichael's were the only ones catalogued, hence no date of birth is given with the others.

J. W. Hughes and Geo. A. Gue jointly worked on the block and in the ring and made a team that could hardly be surpassed in securing the best prices for Holsteins. The following is a complete list of animals sold, buyers and prices paid:

The Carmichael Consignment.

Females

Wapato Marigold Colantha, 2 yr.Sold to C. W. Simmons, Ridgefield, Wash., for $300.

Wapato Pansy Colantha, 3 yr., P. A. Frakes, Scappoose, Ore., $275.

Wapato Primula De Kol, 3 yr., Chas. Barnard, Beaverton, Ore., $300.

Evelina of Wapato, 8 yr., Barnard, $335.

Wapato Narcissus Hengerveld De Kol, 4 yr., Simmons, $280.

Loleta Strain, 7 yr., Arthur Edwards, Turner, Ore., $425.

Wapato Gowan Hengerveld De Kol, 5 yr., E. H. Loucks, Tigard, Ore., $375.

Eugenie De Kol of Wapato, 8 yr., Barnard, $305.

Wapato Daffodil Hengerveld De Kol, 4 yr., N. J. Wilcox, Tonquin, Ore., $300.

Girolfa of La Siesta, 8 yr., G. W. Sanderson, Rorane, Ore., $325.

Wapato Violet Colantha, 3 yr., Sanderson, $300.

Wapato Lily Colantha, 1 yr., E. B. Marks, North Yakima, Wash., $275.

Wapato Rose Monarch, 1 yr., L. Luscher, Fairview, Ore., $350.

Wapato Daisy Colantha, 1 yr., Frakes, $335.

Wapato Colantha Crocus, 1 yr., Marks, $275.

Wapato Narcissus Cornucopia, 1 yr., Edwards, $290.

Bellezewere of Wapato, 8 yr., Barnard, $300.

Bulls.

Wapato Pansy Colantha Boy, 8 mo., Frank Foster, Cathlamet, Wash., $155.

Wapato Eva Colantha Boy, 8 mo., Sun Dial Ranch, Fairview, Ore., $205.

17 females sold for $5345; average, $314.41.

2 bulls sold for $360; average $180.00.

19 animals sold for $5705; average, $300.26.

The Newell Consignment.

Females

Pearl Burke Gift Pietertje, Sun Dial Ranch for $330.

Jewel De Kol Korndyke, Thos. Carmichael, Gaston, Ore., $180.

Bull

Lundy Oregon Segis Korndyke, W. E. Harbert, Mt. Vernon, Wash., $105.

2 females sold for $510.00; average, $255.15.

3 animals sold for $615.00; average, $205.00.

The Gue Consignment.

Females

Pauline Rixon De Kol, sold to S. H. Carnahan, Warren, Ore., $210.

Johanna Homestead Rixon De Kol, Carmichael, $225.

Lass Hengerveld's Queen, Carmichael, $195.

Aaggie Hengerveld De Kol, Edwards, $180.

Queen of Minneville, Edwards, $285.

Count Netherland De Kol Phoebe, Edwards, $300.

Jolie Girl of Minneville, Marks, $265.

Colantha De Kol of Weitska, Edwards, $300.

Bull

Scappose Hengerveld King, Dr. E. E. Woodruff, Ridgefield, Wash., $60.

8 females sold for $1960.00; average, $245.00.

9 animals sold for $2020.00; average, $224.00

Albert Johnson, Scappoose, Ore., Consignment.

Bull

Pontiac Zyme, dropped Dec. 8, 1911, sold to S. H. Carnahan, Warren, Ore., for $200.

Dr. Stickney, Portland, Ore., Consignment.

Bull Calf

Island Prilly Pride, sold to C. R. Davis, Portland (Ore., for $110.

27 females sold for $7815.00; average, $289.44.

6 bulls sold for $835.00; average, $139.17.

33 animals sold for $8650.00; average, $262.12.

BENNINGER'S FIRST CONSIGNMENT SALE

Benninger's First Consignment Sale held on June 12th, on the Allentown, Pa., fair grounds.

Cows, yearlings and heifer calves—40 head:

Princess Pauline Jewel, 5 yrs., L. R. Lipman, Collegeville, Pa., $135.

Lita De Kol Pietertje, 3 yrs., A. M. Gehman, Center Valley, Pa., $185.

Sir Aaggie Wayne Inka, 3 yrs., T. K. Place, Quakertown, Pa., $185.

Heifer, 9 months, Samuel Emmert, Hagerstown, Md., $155.

Yearling heifer, W. K. Nigh, Hagerstown, Pa., $195.

Tioga Piertje Bess, 3 yrs., Allen M. Gehman, $200.

Queen Segis Pauline Jewel, 3 yrs., E. Clinton Fretz, Quakertown, Pa., $215.00.

Butter Boy Inka Jennie, 4 yrs.,E. Clinton Fretz, $232.50.

Lady Florence Itaska, 1 yrs,, L. R. Lipman, Collegeville, Pa., $70.

Yearling heifer, A. L. Kessler, Brandt, Pa., $270.

Donalda Zane De Kol 3d, 10 yrs., E. Clinton Fretz, $225.

Orpha Pauline Clothilde, 9 yrs., S. A. Love, Johnstown, Pa., $145.

Lady Edith De Kol 3d, 10 yrs., E. Clinton Fretz, $235.

Countess De Kol Wayne, 1 yr., T. K. Place, $120.

Heifer calf, 7 months, H. A. Beattie, Shippensburg, Pa., $175.

Heifer calf, 7 months, John C. Sharpe, Blairtown, N. J., $155.

Heifer calf, 6 months, Wm. H. Walters, Quakertown, Pa., $140.

Heifer, 3 months, T. K. Place, $105.

Heifer, 12 days, T. K. Place, $95.

Pauline Barnum DeKol of Fair Oaks 9 yrs., Samuel Emmert, $235.

Pauline Barnum Aaggie, 3 yrs., Allen M. Gehman, $200.

Netherland De Kol Beauty, 10 yrs., T. K. Place, $195.

Manor Beets Wayne Korndyke, 9 yrs., A. L. Kessler, $260.

Rose Netherland of Fairview, 12 yrs., T. K. Place, $290.

Gladys Veeman, 2 yrs., A. L. Kessler, $315.

Blanche Pietertje Netherland, 10 yrs., T. K. Place, $280.

Rose Whiteness Veeman, 3 yrs., A. L. Kessler, $335.

Heifer calf, 6 months, H. A. Beattie, $175.

Bessie De Kol of Lehigh, 10 yrs., L. R. Shipman, $145.

Dark Lady of Lehigh, A. L. Kessler, $150.

Jewel Colantha Wayne, 6 yrs., S. A. Love, $155.

Heifer calf, 4 months, T. K. Place, $135.

Morris De Kol Favorite, 10 yrs., T. K. Place, $200.

Concordia De Kol Idlewild, 8 yrs., Chas. B. Nigh, Hagerstown, Pa., $245.

Shadeland Milly De Kol Countess, A. L. Kessler, 9 yrs., $250.

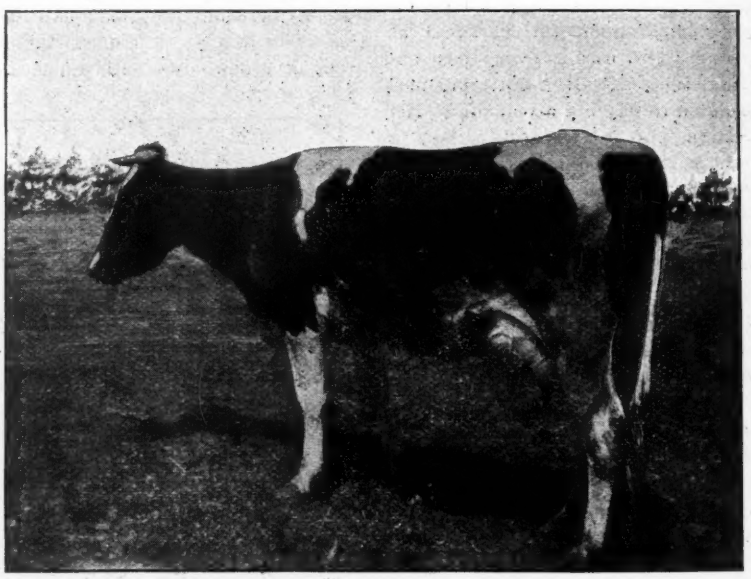
Clara Countess De Kol, 10 yrs., S. A. Love, $225.

Grade cow, O. O. Shiner, $100.

Grade cow, Homeopathic State Hospital, $100.

Grade heifer calf, 2 months, $30.

Jewel Mutual Pauline, 7 yrs., Frank Fisher, Wilkesbarre, Pa., $125.



ALCARTRA POLKADOT—The first 29-lb. cow ever tested on the Pacific Coast. She is perhaps the most widely travelled cow in America. She is now 15 years old and is owned by John Arfmann, Middletown, N. Y.

Bulls, yearlings and calves:
Calf, 6 months, Samuel Emmert, $55.
Calf, 7 months, H. C. Kramlich, Northampton, Pa., $80.
Calf 6 months, Samuel Emmert, $35.
Calf 2 months, A. C. Kuss, Allentown, Pa., $65.
Calf 8 months, S. H. Mowrer, Spring City, Pa., $75.
Calf, 7 months, Chas. Kriebel, Lansdale, Pa., $15.
Calf, 8 months, Victor Brinton, Pecepson, Pa., $70.
Calf, 4 months, Samuel Emmert, $50.
Calf, 5 months, J. W. Meisner, Butztown, Pa., $55.
Calf, 6 months, John Kerr, Downington, Pa., $100.
Sir Aaggie Wayne 2d., 1 yr., Samuel Emmert, $145.
Calf, 7 months, T. K. Place, $100.
Calf, 2 months, H. S. Bemberger, Palmyra, Pa., $25.
Calf 7 months, P. D. Mertz, Allentown, Pa., $95.
Johanna Alemene Korndyke, 1 yr., H. C. Kramlich, $100.
King Fayne Segis, 6 months, Samuel Emmert, $40.
Geo. Washington Korndyke, S. A. Love., $75.
Calf, 6 months, A. P. Straub, Bowmanstown, Pa., $55.
Calf, 6 months, W. B. Devaney, Berwyn, Pa., $70.
$65.
Sir Pontiac Korndyke 6th, H. C. Kramlich, $100.
Calf, 6 months, George Kerr, $40.
Yearling bull, H. C. Reinhold, E. Petersburg, Pa., $150.
Calf, 4 months, H. C. Kramlich, $43.
Calf 2 months, Samuel Emmert, $25.
Calf, 2 months, Allen M. Gehman, $25.
Calf, 7 months, H. C. Kramlich, $55.
Three year old bull, T. K. Place, $120.
Three year old bull, H. C. Kramlich, $120.
Three year old bull, T. K. Place, $120.
Calf, 8 months, Samuel Emmert, $35.
Consigners: W. M. Benninger, Benningers, Penna., B. F. Person, Kunkletown, Pa., A. L. Kessler, Brandt, Pa., and Patterson Bros., Wellsboro, Pa.

A GOOD ONE IN PENNSYLVANIA

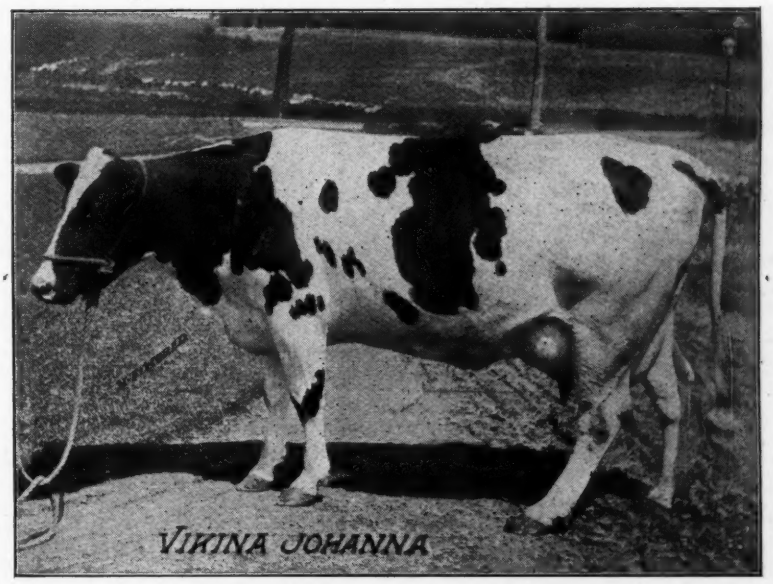
Holstein-Friesian breeders of Chester county, Pa., who have been recently been deriving a sort of left-handed satisfaction from the fact that May Rilma is a resident of their shire have turned with more genuine enthusiasm to hail the advent of the first 30-lb. cow within their borders.

Pietertje Korndyke Pontiac No. 124,-305, is the name of this local Queen who produced 30.05 lbs. butter from 488.1 lbs. milk, 4.93 per cent fat in 7 days, at 5 yrs., 4 mo., 7 days. She is owned by Mr. William B. Wickersham, Embreeville, Pa., and the record is all the more creditable both to the owner and the cow from the fact that Mr. Wickersham had no experience in official testing prior to the past winter and that the record was made under normal conditions. The cow, however, had a junior two-year-old record of 15.93 lbs. butter made by a former owner.

Pietertje Korndyke Pontiac is a big, vigorous cow, of great capacity and splendid conformation and will undoubtedly raise her record at some future time. She was sired by Pontiac Korndyke Hengerveld 37313, 19 A. R. O. daughters and 1 proven son, he by Pontiac Korndyke and out of Pontiac Pleione, a 26.10-lb daughter of Hengerveld De Kol. Thus it will be seen that she carries the blood of champions. Her dam is Pietertje De Kol Duchess Jane 63169, 17.55 butter, 336.3 milk at four years; she by De Kol 2d's Pauline 3d's Paul 27696; 23 A. R. O. daughters and out of a daughter of De Kol Pietertje Prince.

Mr. Wickersham has over a hundred head of fine bred Holsteins at Linside Farms, which is the largest herd in Chester county. The blood of Pietertje Korndyke Pontiac is represented by two granddaughters, one grandson and a son, her last son sired by the herd bull Butter Boy Sir Korndyke No. 72649. There are also a number of young cows and heifers in calf to another son, Korndyke Quality No. 117553, a grandson of Korndyke Butter Boy.

Mr. Wickersham's record will do much to stimulate official testing in this locality. The Chester County H.-F. Breeders' Association is offering a trophy cup for the best record made during the year and six members have taken up the work for the first time during the past season.



VIKINA JOHANNA—At 11 years—Butter 7 days, 26.31; milk, 566.50; butter 14 days, 50.54. Has a 30-lb. 3-yr-old, and two 20-lb. 2-yr-old daughters. A daughter of Johanna Rue 3d's Lad. Owned by Alfred University, Alfred, N. Y.

THE BLACK AND WHITE

Records are being broken,
And the Holstein-Friesian Breed,
Is proving to the sneering world,
That a cow may pay her feed.

And to the unbelievers
Of tests and prices paid,
Look at the Holstein breeders,
And the money they have made.

If you invest in Holsteins,
And breed a high class bull,
Just tie him in the back yard,
And let him eat till full.

You can own a little car
Out of the service pay,
And go spinning with the family,
On an outing for the day.

Let the hired man be busy
Let the old farm be in bloom,
Let your neighbors enviously gossip,
That you are going to your doom.

But beyond that "you should worry"
You can hear the money ring,
As it comes in rolling steady,
From the service of your "King."

Keep the A. R. O. tests agoing,
At a record smashing pace,
Show the breeders of other cattle,
They are running a losing race.

Though all rules have exceptions,
The Holstein boom can't fall,
Go at it and beat May Relma,
Beat her and you've beaten them all.

Don't work with selfish reasons,
Work for the breed as a whole,
So that when we think of cattle,
Holstein-Friesians head the roll.

We have been laughed at and ridiculed
For choosing the black and white,
But precedents have shown us,
That we are started right.

—Lynden Simmons, Camden, N .Y.

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Abnormal Tests

In the conclusion of his annual report at the Chicago convention Supt. Gardner said:

"During the past year or two I have given a great deal of thought to one matter in relation to the prizelists, and that matter is the awarding of prize money on the fat production alone and without taking any account of the milk produced. By awarding a prize for any record the Association shows its approval of that record, and the owner of the cow and the public so construe it. For this reason I have grave doubts of the wisdom of awarding any prize-money to any record showing an average per cent of fat running above five per cent. As the cows do produce the fat, they win their places in the Advanced Register and in the prize lists; but if a record as a whole does not promise advantage to the breed and does not meet with the hearty approval of our breeders, it is doubtful whether it should be awarded prize-money."

We believe this recommendation should not be passed by, but should be acted upon at the next meeting.

Under our present A. R. O. system the amount of butter fat is the only standard of merit which is considered of sufficient importance to receive the stimulus afforded by the awarding of prizes. As this has seemed to be the main goal, many breeders have worked with that end alone in view. They have been able to surpass the world's best records, time and again until the highest butter production in each class seems almost out of reach; but there has been a growing tendency toward abnormality. In many instances great butter production is recorded, but with an amount of milk very ordinary and a percentage of butter fat reaching five or six per cent, and in a few instances even as high as seven per cent. To get down to exact figures let us consider a few of these records. We find that among the twenty-five leading seven day producers, in each of the seven classes there are forty over 5 per cent butter fat, including the world's champion aged cow, and the second highest butter producers in the senior and junior4 and senior 3 year classes. This means that nearly 22.9 per cent of these leaders averaged over 5 per cent fat. In the thirty-day division, seven were in the 5 per cent class, including the cows holding first, third and sixth places in the aged cow class. Thus while 22.9 per cent of the leaders in the seven day division averaged over 5 per cent fat, only 4.8 per cent of them kept above 5 per cent for thirty days. Only one of the 25 leaders in the 8 months after calving classes averaged over five per cent, while none of the leaders in the semi-official division could maintain a 5 per cent average for the year.

Among the animals in the prize list for the past year, thirty-eight tested above five per cent for seven days, and three for thirty days. Last year thirty-nine of the seven-day prize winners and four thirty-day prize winners average over five per cent fat. Twelve of these were tested by one breeder.

These figures will serve to give some idea of the number of abnormal tests that are being made, the records "that as a whole do not promise advantage to the breed."

The general dairyman wants milk producers and he is the man upon whose preference for the Holstein cow depends to a large extent the future demand. That is the reputation which our favorites have made and that is the basis upon which they should stand. If the dairymen are searching for five and six per cent testers, they will turn to the Channel Island breeds and not to the high testers of our own breed, which they recognize as at best a rather uncertain proposition; for they can not maintain their high test throughout the year and can not even be depended upon to do it a part of the time every year.

To discontinue awarding prizes to the cows that average over 5 per cent fat would serve to discourage the making of such tests. But why not go a step farther and encourage the making of good normal butter and milk records by awarding prizes for milk production?

M. S. P.

The Methylene Blue Treatment for Infectious Abortion

One of the worst scourges to which breeders of live stock are subjected is contagious or infectious abortion. Many remedies have been tried, but the trouble still crops out with all too frequent recurrence. The Vermont Experiment Station, however, seems to have solved the problem. Some of the World readers are doubtless familiar with the exact application of the Vermont plan, but there are undoubtedly a good many more who do not know exactly the method of procedure. We are accordingly glad to publish the following letter from Dr. F. A. Rich, Veterinarian of the Vermont Experiment Station, which in a clear, concise manner tells exactly what to do to wipe out the disease. We would suggest that this letter be preserved for future reference:

"The writer's treatment for infectious abortion in cows as administered at present consists in giving each cow a heaping teaspoonful or more of medicinal methylene blue, on silage, once a day for four or five weeks.

"After calving, the treatment is resumed for a few days and within a few hours after freshening, preferably immediately after expulsion of the afterbirth, the cow's uterus is washed out with a methylene blue solution, consisting of a heaping teaspoonful of the blue and an ounce of table-salt to the gallon of boiling water. The solution is cooled to about 105 degrees F., and strict aseptic precautions are observed in its introduction into the cow's uterus (womb).

"The stables are thoroughly cleaned and disinfected and the disinfection is repeated after each occurrence of abortion therein. The calving pen is cleaned and sprayed with mercuric chloride (corrosive sublimate) solution, each time after occupation, and on the return of each fresh cow to her stanchion, the platform and trench

behind her are sprinkled daily with 1 to 1000 mercuric chloride (corrosive sublimate) solution for at least ten days.

"The afterbirth is burned or deeply buried and the calf and soiled hind parts of the cow are carefully sponged with warm, one per cent lysol solution.

"The sheath of the bull is washed with one per cent lysol solution, and either this or the above described methylene blue solution is injected into it.

"In herds which have been subjected to the complement fixation and agglutination tests, only those animals giving reactions to the same are treated; otherwise every cow in the infected herd is given full treatment."

Correspondence

Doings in the Spring Farm Herd.

I am enclosing you list of cows completing semi-records the past year in the Spring Farm Herd, these animals were in the pasture with the regular herd, they were in the barn long enough to be milked and fed alfalfa and that was all.

Tweede White Lady, 2137.1 lbs. milk; per cent fat, 4.29; lbs. fat, 902.28 lbs.; 7 years, 3 months, 23 days.

Lotta Belle De Kol, 7 years, 2 months, 5 days. 18288.8 lbs. milk; per cent fat, 4.13; 755.50 lbs. fat.

Pietertje Grindetia 2d, 6 years, 2 months, 2 days. 17039.1 lbs. milk; per cent fat, 3.63; 619.03 lbs. fat.

Maple Grove Kleiterp De Kol 2d, 5 years, 4 months, 6 days. 15332.0 lbs. milk; per cent fat, 4.03; 61807 lbs. fat.

Pauline Hengerveld Pontiac 5 years, 7 months, 14 days. 16438.1 lbs. milk; per cent fat, 3.92; 644.05 lbs. fat.

Princess Pontiac 5 years, 11 months, 11 days. 17304.8 lbs. milk; per cent fat, 3.52; 608.81 lbs. fat.

Orpha Pontiac, 5 years, 5 months, 23 days. 13816.5 lbs. milk; per cent fat, 4.4; 608.81 lbs. of fat.

Pearl H. Johanna, 4 years, 4 months, 20 days, 16354.5 lbs. milk; per cent fat, 3.95; 645.20 lbs. fat.

Canary Mercedes Keyes, 5 years, 5 days. 14398.1 lbs. milk; per cent fat, 3.84; 552.97 lbs. fat.

Oriskany Keyes, 5 years, 12766.4 lbs. milk; per cent fat, 4.03; 513.87 lbs. fat.

Spring Farm Pauline Pontiac, 3 years, 6 months, 25 days. 12710.1 lbs. milk; per cent fat, 3.45; 438.12 lbs. fat.

Spring Farm Canary Korndyke, 2 years, 7 days. 12445 lbs. milk, per cent fat, 4.09; 508.95 lbs. fat.

Spring Farm Korndyke Maid, 2 years, 1 month, 25 days. 13679.6 lbs. milk; per cent fat, 3.67; 501.65 lbs. fat.

S. F. Belle Korndyke, 2 years, 1 month, 3 days. 12785.9 lbs. milk; per cent fat, 3.62, 463.09 lbs. fat.

These fourteen, five of them under full age, average 15,325.2 lbs. of milk, and 398.58 lbs. fat each or practically 750 lbs. of butter, if these animals had been kept in box stalls through the hot weather of July and August, they probably would have done some better, many of these were prize winners and quite a few were debarred.

Just a few lines in regard to some of the cows that are at present in the Spring Farm herd to be bred to S. F. Pontiac Cornucopia, the $15,000 bull 87 cows having been booked to be bred to him outside of my own herd, and among the visitors are Pontiac Lady Korndyke, Mr. E. H. Dollar's 38-lb. daughter of Pontiac Korndyke; Daisy Cornucopia Pauline, owned by Mr. Vosler, the 34-lb cow that held the junior 4 year record for some time; her daughter, by Korndyke Pontiac Pet; De Kol Plum Copia, a 33-lb. cow, owned by Mr. G. Hill, Towanda, Pa. The great cow, May Echo Sylvia, the 33-lb cow that gave 791 lbs. of milk in 7 days, 31331 lbs. in 30 days. She holds the junior 4-yr. record for 177 and 30 days production of milk and is one of the only family of 3 generations of cows to produce over 100 lbs. of milk a day each. Also her daughter by King Pontiac Artis Canada, she bred to the $15,000 bull, ought to produce something the breed has seldom seen.

There are nearly a dozen that have records of nearly 30 lbs. each, that are grand cows, having deep bodies and immense udders; cows that can and are milking from 60 to 75 lbs per day on two milkings per day; cows that if nothing happens to them at next freshening will make well over 30 lbs. and I hope they will. There are most and number with records from 24 lbs. up, are young and very fine animals. Segis Betta, Mr. Moyer's cow, the dam of the great King Lyons. Many very choice heifers with records of better than 20 lbs. as junior 2-yr-olds. All these with my own herd if every thing goes well, will give S. F. Pontiac Cornucopia a chance equal to any sire of the breed. His calves so far are superior individuals with backs on them seldom seen on the progeny of any bull. Last but not least is the great cow, Princess Hengerveld De Kol, the 33-lb daughter of Hengerveld De Kol, owned by Mr. Cortelyou; also a very fine heifer from the same herd sired by a son of this same cow, while on the dam's side she is from the great Susie De Kol family.

F. M. Jones, Clinton, N. Y.

June 19, 1914.

AT THE LACONA HOLSTEIN HEAD QUARTERS
Where the Eastern Edition of the World is edited.

Lakeside King Segis Alban De Kol, a bull which meets all necessary requirements. He is generally conceded to be the finest son of King Segis, certainly one of the very best sires known.

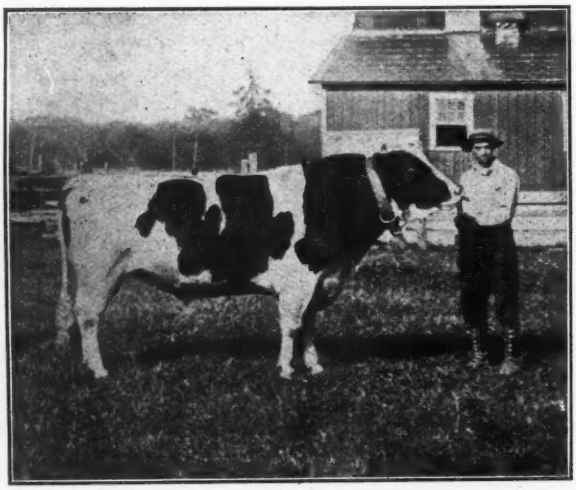
Dam, the famous old matron, De Kol 2d's Alban's De Kol, the only cow which has made in her 14th year 26.-57 lb. butter in 7 days, 109.72 lb. in 30 days, A. R. O., and the only cow of any age to make that butter record when she had not been dry for five years. She therefore stands alone, in a class by herself. She was one of the most remarkable and best of the breed. Her records were all made under absolutely normal conditions. She never was dry so she could be

fitted for a large record. Average butter fat in normal condition 4.36 per cent. Had she been dried off and given a long rest, properly fitted and fattened, as is usual for large records, it is difficult to conjecture what she might have done. For six years she has stood alone.

As a show bull he stands in the very highest class. His get in quality, symetry, beautiful markings and uniformity are unsurpassed. They have already demonstrated their superiority in the show ring.

For the first time his get and that of the Lakeside Model Family, to which he belongs, during the past season have found their way into the public auction ring, and here they come to the front also.

At the public sales of Mr. Davis of Washington, and Mr. Voss of Wisconsin, their entire herds of this family, brought by far the highest average prices ever obtained for any entire families of equal numbers and ages. Superior individuality, beautiful markings, superb quality and uniformity tell in the auction ring.



LAKESIDE KING SEGIS ALBAN DE KOL

We have now come to the final test, that of production, and find his young daughters are making a fine showing, equalled by daughters of few bulls of the same age. Four of his young daughters tested early in the season at an average age of 2 years, 5 months 22 days, made records which average 20.21 lb. each in 7 days. Three more recently tested, making 7 at an average age of 2 years, 4 months, 8 days, whose records average 17.17 lb. in 7 days. I know of no bull which combines in such a superlative degree all the essential important qualities which are desired in a great sire, viz., individual excellence, show ring qualities, breeding as denoted by pedigree and performance of ancestors, beauty, uniformity and handsome markings of his get, the production of his daughters, and the high prices which his get almost invariably command. The future of this bull seems to be assured.

E. A. POWELL.

Syracuse, N. Y., May 29, 1914.

Field Notes

Meeting of Chester County (Pa.) Breeders

At Sunshine Farm, in Kennett township, home of James Y. Cloud and his son, Willard Cloud, the Holstein-Friesian Breeder's Association of Chester County held an important meeting on Saturday. Two important speakers were there, George E. Stevenson, of Waverly, Lackawanna county, President of the State Association, and H. E. Reinhold, of East Petersburg, Lancaster, Secretary. Both men made vigorous addresses, showing that the Holstein is a wonderful cow and that Chester county may readily become a great market for this breed.

These officers were elected for the coming year: Horace L. Way, Kennett Square, President; Dr. J. Clifford Scott, Oakburne; W. Scott Bunting, Oxford, Vice-Presidents; Philip M. Hicks, Avondale, Secretary; John M. Hicks, Avondale, Treasurer. All but the Vice-Priesidents were re-elected.

Executive committee: Willard Cloud, Charles H. G. Sweigert.

Tellers were Homer Jeffries and Orville Kay.

The Auditing Committee consisted of James Hutchinson, Samuel Pusey, W. B. Devany. A balance of $119.08 was reported in the treasury.

Several new members were elected, including John W. Philips, Glen Moore, Howard E. Jones, West Chester; Thos. E. Smedley and son, Marsh; John Mitchell, Hockessin.

Cups for County Fair.

Fred W. Levis, of the Chester County Fair Committee, reported that two cups were being prepared to be awardedat the Chester County Fair in September, one for the best male, the other for the best female Holstein in any class.

About seventy-five men were present during the day, among them, in addition to the ones already mentioned: J. Marion Allison, Harvey W. Krauser, Font; Horace W. Sinclair, Birmingham; William B. Wickersham, Embreeville; Thomas Steele, Kennett Square; Samuel H. Pusey, Wm. J. Pusey, F. B. Marvel, Avondale; P. H. Marvel, Avondale; Jos. S. Ashbridge, East Downingtown; J. Howard Thompson, Charles Parrish, Kennett Square; James H. Reyburn, Robert C. Wilson, Oxford; S. Cloud England, Northeast, Md.; George S. Holland, Malvern; William J. Richards, Toughkenamon; W. E. Gorman, Upper Darby; J. M. McCamant, West Chester; William J. Shearer, New London; J. M. Hutchinson, Melville Hutchinson, Elkview; William Wayne Devany, Berwyn; Prof. Jesse E. Philips, Cedarcroft; E. P. Rosenberger, the official tester; John Paschall, L. M. Paschall, Fremont Wickersham; Lewis Marshall, William McCord, Arthur Yeatman.

The question of how to provide a sufficient number of supervisors of test when needed, was the principal topic of discussion at the regular meeting of the New York State Breeders Club, held in Syracuse, June 19. It was voted that the President appoint a committee of three to draft a plan to be submitted in a future meeting of the club in which all the Holstein Clubs of New York State could be represented by delegates, and in which Prof. Wing and representatives of the various Agricultural schools and colleges of the State could also be present. President E. A. Powell appointed Messrs. Burlingame, Kellog and F. H. Stevens to constitute the committee.

King Lyons 3d is one of the coming young sires. On another page we publish a recent photograph which will give the readers of the World some idea of his present appearance. That he is a really good individual is shown by the fact that at the New York State Fair last year he won second prize in a fast class of yearlings.

He was by King Lyons, the leading herd sire at Moyerdale, whose breeding is doubtless familiar to the greater part of World readers. The dam, Gypsy Hengerveld, a 29-lb. senior 3-

yr-old, was by Judge Hengerveld De Kol, and from a 24.9-lb. daughter of Prilly Princess (25.13 lb.), who has two 30-lb daughters, and is perhaps the best transmitting daughter of Prilly.

Breeder's Bulletin

Stevens Brothers Company, Liverpool, N. Y., write under date of June 12: Third on the list in respect to number of A. R. O. daughters stands the great nine-year-old sire, King of the Pontiacs. Already he stands first in number of daughters that have made over 30 lbs. butter in seven days at second calving, first in regard to number of two-year-old daughters that have made 25 lbs. or more of butter in seven days and first in respect to number of two-year-old daughters that have made 20 lbs. or more of butter in seven days. We might say in passing that only one of his 20-lb. two-year-old daughters made her record in her second lactation period.

His sons are also making good. One of them is sire of a 34.35 lb. senior three-year-old daughter of while another has a junior three-year-old daughter with 30.78 lbs. butter in seven days official test.

From every state in the Union to which sons of King of the Pontiacs have gone the story comes of complete satisfaction. In instances when, for some reason or another, the owner had to dispose of his K. P. bull, he has been able to dispose of the bull at a profit besides having the use of the bull for a year or more.

Malcolm H. Gardner, Supt. A. R., writes: I notice a statement afloat in the dairy and agricultural press that the Holstein-Friesian Association is building an office building at Delavan, Wis., for the use of its Advanced Registry Office; and any such statement might prove misleading to members of the Association not otherwise advised. The facts are simply that the Advanced Registry Office is soon to occupy specially fitted quarters, leased from year to year in what is practically a fire-proof office building, being built by the Acme Building Co. of Madison, Wis. When it gets into its new quarters, the Advanced Registry Office hopes to be able to give even better service, if such a thing be possible, than it has given our breeders in the past.

E. E. Poole, Farm Superintendent, Alfred University, writes: We have just finished a couple of records which may be of interest to the readers of the World.

Edith Korndyke No. 185890 freshened at 2 yr. 1 mo. 23 da. of age and made 330.1 lb. milk and 20.065 lb. butter with an average fat of 4.73 per cent, She is a daughter of Pontiac De Kol Korndyke, who was by Pontiac Korndyke and from a daughter of Hengerveld De Kol. We have another of this bull's daughters and 5 cows in calf to him.

Vikina Johanna No. 64385 freshened at the age of 11 yr. 1 mo. 21 da. and just finished a 7- and 14-day record. In 7 days made 566.5 lb. milk and 26.31 lb butter and in 14 days made 1082.5 lb. milk and 50.536 lb. butter with an average of 3.73 per cent fat for 14 days and 3.72 per cent fat for 7 days. She is a daughter of Johanna Rue 3d's Lad and is the dam of a 30-lb. 3-yr-old and 2 20-lb. 2-yr-olds.

R E. Chapin & Son, Batavia, N. Y., write: The superiority and ever increasing popularity of our breed is again brought to mind by the fact that Mr. Elbert Hubbard has added the breeding of thorough bred Holsteins to his large establishment at East Aurora, N. Y.

Mr. Hubbard is widely known both as writer and lecturer, and also by the varied products of the Roycroft Shops which are noted for the high quality of workmanship and material turned out by them.

Another of the many Roycroft activities is the Roycroft Inn., and it was to supply fresh, home grown products to the Inn which led to their interest in farming. Mrs. Hubbard is manager and has direct charge of the farms which are equipped with the most modern and up-to-date buildings and appliances. The breeding of Holsteins will add a very profitable feature to the farming operations, and we predict that the Roycroft herd will be one of the show herds of the country.

The young sire picked out to head this herd is a son of our senior herd sire, King Quality, and from Tennessee Pauline De Kol, a grand dairy cow with a record of 25.82 lbs. of butter and 498.1 lbs. of milk in seven days, and a semi-official yearly record of 824.7 lbs. of butter and 20,998 lbs. of milk. She is dam of Tennessee Walker Pietertje, who has recently completed a year's record as a 2-yr-old of 797 lbs. of butter and 17,505 lbs. of milk.

As his name implies, the sire, King Quality, is of unexcelled breeding. His four nearest dams average over 32 lbs. of butter and 595 lbs. of milk in seven days with an average per cent fat of 4.32. It is worthy of note that this high butter record is not the result of an abnormal per cent of fat, or of an abnormal production of low testing milk, but that the dams back of King Quality are normal Holstein cows bred to high point of efficiency.

The value of the young sire secured by Roycroft farms lies not only in his breeding but also in his individuality as he is well grown, vigorous, straight as a line, and finely proportioned. We are pleased to report that such a splendid sire has gone into so promising a herd.

Yours truly,
R. E. CHAPIN & SON.

Stevens Brothers Company, Liverpool, N. Y., write: We recently sold to Frank A. Schlick, of Attica, N. Y., a splendid young bull. His sire was King Isabelle Walker, whose daughters are rapidly making a reputation in Canada. He was by the great King Walker, three of whose daughters have made world's records, one being the world's record heifer at first calving—Tirania Lady Aouda 5th A., 32.3 lbs. butter in seven days. The dam of King Isabelle Walker is Isabelle Clothilde Walker, 27.66 lbs. butter in seven days, dam of five A. R. O. daughters including Isabella Hengerveld, 30.43 lbs., and Lottie Walker Spofford, 32.5 lbs. butter in seven days as a four-year-old.

LADY NANUET PIETERTJE—At 3 years—Butter, 22.02; milk, 515.80. At 2 years—Butter, 18.33; milk, 449.10. Owned by J. Grant Morse, Hamilton, N. Y.

The dam of this splendidly bred fellow is Oakland Clintonia, 20.7 lbs. butter, 530.8 lbs. milk in seven days as a four-year-old. She was sired by Elnora Sarcastic Lad, also sire of a 30.4-lb. three-year-old, and was from Clintonia Hartog De Kol 2d, 27.02 lbs. butter in seven days, 775.67 lbs. butter in a year. Her dam is Clintonia Hartog De Kol, 32.02 lbs. butter in seven days, 130.86 lbs. butter in thirty days.

The five nearest dams of Mr. Schlick's new herd-header average 27.48 lbs. butter in seven days. The combination of breeding is of the best. The individuality is faultless—you ask the present owner. Mr. Schlick has purchased his former bulls from us, and as the old Brookside Herd letterhead states, "Satisfied Customers are our best Adverstisements" so we shall expect to hear again from his and his neighbors.

CANADIAN OFFICIAL RECORDS.

From June 1st to June 15th, 1914

Mature Class. No. and Name of Cow	AGE y.	m.	d.	Milk Lbs.	Fat But. Lbs.	80% fat
Faforit Mercena Belle 8947, R. F. Hicks	7	3	3	550.8	23.01	28.77
Boon Homestead Burke 26257, Dr. L. de L. Harwood	6	4	15	601.2	22.80	28.50
Twenty-one day record	6	4	15	1796.3	65.63	82.03
Acme Sadie Pauline 2d 15422, Colony Farm	5	3	17	659.6	20.32	25.40
Audry Pet Canary 13887, Jos. Kilgour	5	3	9	429.0	15.97	19.97
Daisy Belle Abbekerk 67098, Neil McGugan	10	5	6	451.3	15.39	19.24
Senior Four-year-old Class.						
Ruby Nig 14213, Lea & Clark	4	9	18	560.25	20.54	25.67
Verbelle De Kol Keyes 13846, R. F. Hicks	4	10	10	462.2	16.98	21.23
Junior Four-year old Class.						
Segis Korndyke Calamity 14541, Logan Bros.	4	4	25	502.4	18.22	22.78
Natoye Maida 14519, J. W. Stewart	4	0	26	458.5	15.88	19.85
Rose of Ridge Dale's Bessie 12751, R. F. Hicks	4	4	17	428.7	15.51	19.39
Senior Three-year-old Class						
Netherland Faforit Mercena 16932, R. F. Hicks	3	11	2	651.6	20.60	25.76
Miss Johanna Pontiac Korndyke 20573 J. W. Stewart	3	6	6	472.3	17.46	21.83
Miss Cornelia Vale 17779, Lea & Clark	3	7	6	316.75	12.60	15.75
Junior Three-year-old Class.						
Lilith Pauline Calamity Jane 3d 23946, J. M. Steves	3	5	1	556.5	22.11	27.64
Thirty-day record	3	5	1	2336.3	86.82	108.53
Mary Ann Mercena 18015, T. W. McQueen	3	5	12	413.4	16.02	20.29
Inka Sylvia Maida 16621, Jos. Kilgour	3	4	29	489.8	15.01	18.76
Aaggie Keyes Segis 17629, W. J. Gerow	3	1	8	400.6	13.76	17.20
Gano Faforit De Kol 18914, R. F. Hicks	3	2	24	335.2	13.75	17.19
Senior Two-year-old Class.						
Hill-Crest Pontiac Jewel 21744, G. A. Brethen	2	11	21	397.87	13.00	16.25
Elmdale Mabel 18294, R. M. Holtby	2	7	28	356.33	10.27	12.85
Queen Bess Calamity 23783, Neil McGugan	2	11	12	312.8	10.16	12.70
Junior Two-year-old Class.						
Hill-Crest Pontiac Sadie 22712, G. A. Brethen	2	2	12	359.38	14.61	18.27
Hill-Crest Pontiac Hengerveld 22710, G. A. Brethen	2	2	21	358.74	11.33	14.17
Hill-Crest Pontiac Princess 22711, G. A. Brethen	2	2	6	353.02	10.99	13.75
Bessie Spink Hartog 22579, T. W. McQueen	2	3	9	314.2	10.89	13.62
Cassie Hengerveld Korndyke 24349, J. W. Stewart	1	10	1	306.0	10.60	13.26
Belle Calamity Hartog 24784, T. W. McQueen	1	11	29	276.4	10.44	13.05
La Vata Fayne Segis 18368 R. M. Holtby	2	1	5	348.0	9.63	12.04

During the first half of June the official records of 28 cows and heifers were received and accepted for entry in the Record of Merit. The mature cows are led by Faforit Mercena Belle with 28.77 lbs. butter in seven days, closely followed by Boon Homestead Burke with 28.51 lbs. Ruby Nig, a Prince Edward Island cow, is first in the senior four-year olds with 25.67 lbs. butter and Segis Korndyke Calamity comes to the front for Nova Scotia in the junior four-year old class with 22.78 lbs. Amorg the senior three-year-olds Netherland Faforit Mercena leads with 25.76 lbs. butter. This heifer reached 100 lbs. milk in one day and 651.6 lbs. in seven days, which constitutes a new Canadian record for three-year-olds. The junior three-year-old record is broken by Lilith Pauline Calamity Jane 3d, with 27.64 lbs. butter, another good one to the credit of British Columbia. Her thirty-day record of 108.53 lbs. is also a new one for Canada. The leading senior two-year-old is Hill-Crest Pontiac Jewel with 16.25 lbs. while three other heifers from the same herd led the juniors, the best being Hill-Crest Pontiac Sadie with 18.27 lbs.

W. A. CLEMMONS, Secretary.

WANTED—Am in want of a few extra good show animals for the Fall Fairs. Let me know what you have. Could also use 20 registered heifers.

C. E. Gschwind,
1452 Elm St., Youngstown, O.

KORNDYKE IDEAL ABBEKERK,

No. 124206, is our present herd sire. His dam, Jessie Pontiac Korndyke, No. 168612, has just made at 3 yrs. and 22 days 500 lbs. milk, 22.07 lbs. butter. His sire's dam used to give over 70 lbs. milk a day at two milkings on pasture.

F. B. & W. P. Sprague Smyrna, N.Y.

$100.00 SON OF CHANGELING BUTTER BOY

Changeling Butter Boy is one of the coming sires; he already has over half a hundred A. R. O. daughters, some with records as high as 31 lb. His dam is a 29-lb. cow.

The dam of the calf is a 19.6-lb. granddaughter of Aaggie Cornucopia Johanna Lad Jr. She has never been dry.

Calf was born Oct. 27, 1913, is evenly marked, and a nice straight individual. Above price is for immediate sale.

Geo. F. Biewer Est. Newark Valley, N. Y.

FOR SALE—Two Registered Holstein-Friesian Bull Calves, sired by a grandson of King of the Pontiacs, and whose dams have A. R. O. records—one of 21.58 lb., and the other 18.116 lb., as a junior 3-yr.-old.

Write for prices and pedigrees.

CHAS. OHLER,
Lucas, Ohio.

FOR THE BOYS AND GIRLS

who are ambitious to earn money, we have an attractive proposition. A postal card request will bring you our offer.

HOLSTEIN-FRIESIAN ADVERTISING

Buying or selling you may profit by our help in locating cattle or finding customers. A dozen years' experience enables us, with our up-to-date equipment, to give you the first hand information not to be found elsewhere: and also to handle in the most acceptable manner, livestock advertising, pedigree and catalogue work, and the management of public sales. E. M. HASTINGS, Holstein Advertising, Lacona, N. Y.

Lacona Breeders

Henry Stevens & Son—ad. on back cover page.

FROM A 20 LB. DAM

We offer a beautiful, thrifty bull calf born Feb. 12, 1914.—Evenly marked—Sire—Albina Butter Boy, a 29.7 lb. son of De Kol 2d's Butter Boy 3d.

Dam—Lotta Hengerveld, a 20 lb. daughter of Belle Pietertje Hengerveld Prince. For further information, address W. J. SNYDER, Lacona, N. Y.

A bunch of Big Growthy Heifers, due next fall—extra promising individuals, finely bred, in calf by a good bull.

B. E. MEAD, Lacona, N.Y.

Son of ALBINA BUTTER BOY, the 29-lb. son of De Kol 2d's Butter Boy 3d. His dam is an 18-lb. 4-yr-old. Calf was born May 4, 1914, and is a nice, straight individual, nearly all white. Two nearest dams average about 24 lbs. If you want a good one cheap, address

D. J. HOLLIS, Lacona, N. Y.

OUR HERD SIRE.

Lord Korndyke 2d No. 79255.

We expect to be able to make an interesting announcement in a week or two. Keep watch.

Pine Ridge Herd A. T. Blount
Lacona, N. Y.

BELLEVUE HERD—Is headed by King Pontiac Artis Prilly, who was by a son of King of the Pontiacs, and the wonderful prize winner, Pontiac Artis (31.71 lb. in 7 days, 1076.91 lb. in a year), and from a great producing daughter of King Prilly, who is a son of Prilly—the "Queen of the Breed." This combination is producing a splendid lot of heifers that will be heard from.

H. A. Prescott, Prop., Lacona, N.Y.

WE STILL HAVE THREE CHOICE

yearlings, two by a 21-lb. sire; the other by a 29.86-lb. son of De Kol 2d's Butter Boy 3d. Also a few cows.

R. D. Reynolds, Lacona, N.Y.

BROOKDALE HERD—Offers a bull calf born March 26, 1914. Light in color, and a very fine individual. Sire, a 25-lb. son of King Pontiac Artis, who was by King of the Pontiacs, and from a 31-lb. dam. Dam was by Woodcrest Aaggie Jewel Son, whose dam was former champion 2-yr-old. Grandam by Korndyke Abbekerk—a ¾ brother to King of the Pontiacs. Great grandam by King Segis. He is priced to sell quick.

J. D. Hagan, Mannsville, N. Y.

THE $15,000 BULL

The highest priced animal of the breed. We sold him. We have others that we will sell for less money.

COLVIN & DESHANE, Richland, N.Y.

QUEEN MILK AND BUTTER CHAMPION, No. 74653 Herd Sire

He by a bull whose sire and dam combine two of the families of three generations of 30-lb. cows. His dam is the only cow that has ever made three records that average over 32 lbs. and given 120 lbs. milk in a day with each record.

Clayton Sisson SHERBURNE STOCK FARM Sherburne, N. Y.

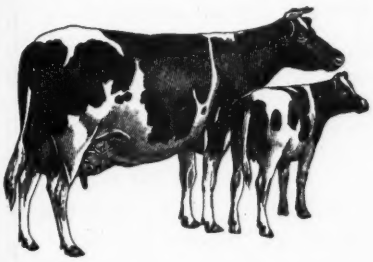
What the Specialists say about Holstein Cow's Milk

Dr. Thomas Morgan Rotch of Harvard Medical School, the great authority on infant life, says:

"Now from a medical point of view, the Holstein Milk is exactly what we find best for infant feeding, and it is an extremely good milk for any one to drink"

"The milk is good and nourishing, and comes nearer to human milk than that of any other breed of cows"

"As a physician dealing with infants, I have many instances coming to my notice of cases where the weaker milk of the Holstein cow is the only quality the stomach of the infant will retain. Many infants thrive upon it who could not digest the stronger quality given by other breeds."



The same qualities that recommend Holstein milk to physicians for infant feeding make it an ideal milk for any one with impaired digestion or for those who find ordinary milk distasteful. The butter fat is moderate in amount; it is finely emulsified and comparatively free from the volatile glycerides.

Holstein milk costs no more than ordinary milk. If you have any difficulty in securing it, write us and we will help you get it. In any case send for our free booklet, "The Story of Holstein Milk."

Holstein-Friesian Association

Box 182 Brattleboro, Vermont

IT IS CLEAR SAILING

if you fall in line with Sir Segis Korndyke Walker No. 59712.

Ten of his two-year-old daughters have freshened and have an average of 17.39 lbs. of butter in seven days. This average includes two heifers that freshened at seven months and one yearling. We have thirty-five more daughters that have not freshened, which are very promising and fine individuals. His sons are good ones, but few in number. Take this opportunity and have one sent to you subject to approval. If not as represented, return at our expense.

Write for pedigree and description.

F. C. & K. A. OVERTON

ADAMS, N. Y.

THE BLOOMINGDALE HERD SIRES

Johanna Rue 3d's Lad, Hengerveld De Kol, and King Fayne Segis from a splendid succession of sires. Our herd consists almost entirely of their descendants.

At present we have in service:

Prince Hengerveld Fayne, No. 77461.

He was by King Fayne Segis and from Princess Hengerveld De Kol, (33.61 lbs.), who was by Hengerveld De Kol and from a 23-lb. daughter of Johanna Rue 3d's Lad. The records of his dam and sire's dam average 34.59 lb.

Beauty Walker Pietertje Prince, No. 7421.

His sire was from a 32-lb. cow and by the best son of Beauty Pietertje (30.51 lb.), the best daughter of the foundation cow, Prilly.

His dam, Marion Walker Pietertje (31.63 lb.), is the only 30-lb. cow in the world whose dam and both grandams are all 30-lb. cows.

His six nearest dams (all 30-lb. cows) have records averaging 31.65 lb.

In the past the Bloomingdale Sires have made good. We are content to base our future reputation on our present sires.

If you want to breed the money-making kind, secure a bull bred in the Bloomingdale lines.

Jacob Reger, Supt. Address A. A. CORTELYOU, Prop.
Belle Mead, N.J. Somerville, N.J.

FROM A 25-LB. DAM—

We offer a two-year-old bull, O. K. in every respect, from a 25-lb. granddaughter of Hengerveld De Kol. Sire combines in the closest degree the blood of Sir Korndyke Pontiac Artis and Sir Veeman Hengerveld. This ad. will not appear again. Address

GRANT FARRINGTON
Pulaski, N. Y.

For More Milk and Butter use

"Schumacher Feed"

The Quaker Oats Co.
Chicago, Ill.

BULL READY FOR SERVICE

Born Nov. 20, 1911. Half brother to Lockhart Lilith, the new 30-lb 3-yr-old. Her dam and the dam of Lockhart De Kol are the only two full sisters that have each produced a 30-lb 3-yr-old. The sire is half brother to Lockhart De Kol. This bull is light in color and a fine individual. Price $300.00.

If interested, write for pedigree.

LOCKHART HOLSTEIN FARM,
Eugene La Munion Solsville, N.Y.

R. F. Hildebrand

The Live Stock Photographer

Union Stock Yards, Chicago

RODGERDALE HOLSTEINS

FOR SALE—1 yearling bull from a 19.30 lb dam; and bull calves sired by Sir Johanna Lady Korndyke No. 84720, his dam Pontiac Lady Korndyke 38.03. For price, etc., address

M. J. RODGER,
Hammond, N.Y.

WATER IN THE STABLE A NECESSITY...

THE "BUCKLEY" Device

for watering stock is the leader. Why not use the best? Write to the manufacturers for a descriptive circular.

POUGHKEEPSIE FOUNDRY & MACHINE CO.
Poughkeepsie, N. Y.

Milford Meadows Stock Farm

HOLSTEIN-FRIESIANS

Favill Grove, Lake Mills, Wis.

Breeders of staple cattle from high producing families. Developers under normal conditions. This year's crop of bull calves from A. R. O. dams, sired by 29.55 lb. bull, he sired by 34.96 lb. bull. Descriptions of calves and dams sent on application to business office

122 So. Michigan Boulevard, Chicago
H. B FAVILL, Prop. H. W. FAVILL, Manager

Alfalfa Hay

COLORADO IRRIGATED.

We ship only high-class hay.

GEO. R. WILSON, Lamar, Colorado.

SOLD

The bull advertised last week is sold—but here are some others that may be just what you have been looking for. They are certainly of high quality—and these prices contemplate quick sales.

1. King Lunde Pietertje Pontiac No. 121630. Born Oct. 8, 1911. Sire: King Pontiac Pietertje No. 56609, a son of **King of the Pontiacs,** from a 25 lb. 3-yr-old.
   Dam: Netherland Polly No. 110014. (Untested as yet, but a great producer.)
   Price $175.00.
2. Segis Korndyke De Kol Pietertje No. 121118. Born Nov. 19, 1912. Sired by a son of the noted 37-lb. sire, King Segis De Kol Korndyke, and from the untested cow, De Kol Pietertje Pride 2d Daisy 127946. Price $75.00.
3. A son of the same cow as No. 2. Sired by Prince Korndyke Pontiac, my herd sire, a 33-lb. son of Pontiac Korndyke.
   This one was born Dec. 29, 1913. Price $100.00.

Here are grandsons of King of the Pontiacs, King Segis De Kol Korn dyke and Pontiac Korndyke. Take your choice, but remember that they will go quickly.

HUGH J. DAVIS

MAPLE RIDGE HERD, BROADALBIN, N.Y.

MORE THAN A 36-lb. BULL

There are but a few bulls whose two nearest dams average over 36 lb., and where can you find a single one that equals this?

A son of the $15,000 son of the 44-lb. cow, and Elzevere Barnum De Kol, one of the heaviest producers and choicest individuals, as well as one of the greatest transmitting cows of the breed.

As a 4-yr-old she made records of 29.09 lb. butter, 579.1 lb. milk in seven days—115.23 lb. butter, 2294.3 lb. milk in thirty days, averaging 4.02% fat for both periods. She is a show cow of the first order, perhaps the best in my herd. She now has six A. R. O. daughters, including two above 26 lb., one 22 lb., and a 20-lb. junior 2-yr-old. She also has one good A. R. O. son. Her second son is now in service in my herd, and will be given every opportunity to make a reputation.

King Pontiac Barnum De Kol was born April 13, 1914, and, as might be expected from his ancestry, is a beautiful individual, of exceptional promise—seven-eighths white.

The records of his dam and sire's dam average:

Butter 7 days 36.63 lb. Butter 30 days 143.38 lb.

There are not enough of this kind to go around; so you will have to speak quick, and be sure to mention the *World*. He will bring wealth to any community to which he may go.

QUENTIN McADAM, BROTHERTOWN FARMS

23 SOUTH STREET, UTICA, N. Y.

LAKESIDE HERD

Service Bulls, of the King of the Pontiacs, Model Family, Pontiac Korndyke, King of the Butter Kings breeding, as fine as can be seen in any stable in America.

Write for particulars, stating as nearly as possible what you prefer

E. A. POWELL **904 W. Genesee St., Syracuse, N. Y.**

Here They Are

Four young bulls from three to five months old, all sired by Willowbridge Butter Boy De Kol 2d, 86142. They are nice ones and are priced to sell

Herd not tuberculin tested, we have rugged healthy cattle.

O. L. IVES

Greenview Herd, Guilford, N. Y.

AURAY FARMS

¶ Several more Clorinda bulls ready—by King Segis Pontiac Clorinda.

¶ ¾ brother to the priceless Fairmont Farm Sire, King Segis Pontiac Alcartra.

¶ Perfect individuals, three to six mos. old, from our own A. R. O. daughters and granddaughters of: King of the Pontiacs, King Segis, Homestead Girl De Kol, Sarcastic Lad, and other leading sires.

¶ $100 to $250 and upward.

¶ World's record breeding at moderate prices.

¶ Satisfaction and safe delivery guaranteed. Printed charts, photos and particulars on request

AURAY FARMS

F. M. Avery **I. M. Avery, Mgr.**

SPARTA, Sussex Co., N. J.

CREAMELLE VALE BLOOD FOR SALE

A bull calf born Dec. 6th whose sire is by Dutchland Sir Pietertje Hengerveld and a daughter of Creamelle Vale, the World's Record cow for yearly milk production. His dam is by the 30-lb. bull, Elzevere Sir Canary Barnum De Kol.

Send for pedigree if you want this prize.

BEACH & WIRT

Battle Creek **Michigan**

A SON OF THE $50,000 BULL

King Segis Pontiac Alcartra, heads our herd. His dam, Daisy Veeman Hengerveld, 29.14 lb. butter, is now on test and is expected to increase this record. We offer females bred to this sire.

We are offering a nicely bred yearling in calf to the $50000 bull.

J. H. PHELPS & SON

Cresdale Farm Vernon, N. Y.

WALKER LILITH ALTOANA

Only bull in the world whose dam's 2-yr-old and 3-yr-old records average over 30 lb. We offer a bull calf from a good granddaughter of King Segis.

HAROLD F. HUBBS, Kirkville, N. Y.

Alfalfa Hay

FOR A. R. O. TESTS

PIONEER FARMS

E. K. Munro **Camillus, N. Y.**

BOND CENTURY FARM

Canastota, N. Y.

HEIFER CALVES FOR SALE

Granddaughters of King of the Pontiacs

Address **W. E. BOND,** Potsdam, N. Y.

or call at the farm.

W. A. HOTCHKISS, Mgr.

Fairview Farms

SIRES IN SERVICE:

King Korndyke Maid who was by Pontiac Korndyke and from Pontiac Kornkyke Maid (33.76 lb.)

Maplecrest De Kol Paul—a son of Friend Hengerveld De Kol Butter Boy, from a 30-lb. 4-yr-old daughter of Pontiac Aaggie Korndyke.

No other herd has in service two 30-lb. bulls by sires of the quality of these.

Write us your wants.

R. T. Eastman, Prop., Littleton, N. H.

Maplemont Farm

offers a young bull born Jan. 17, 1914. Sire, Pietje Alcartra Fayne, whose four nearest dams average butter 7 days, 32.20 lb.; butter 30 days, 124.11 lbs. Her dam sold for $3000 at the 1914 Sale. His yearling son topped the New England Breeders Sale. Dam, a 25.82-lb. five-year-old. One of our best. Also three young A. R. O. cows, bred to Pietje Alcartra Fayne.

John W. Prentiss & Son

ALSTEAD, N. H.

VALLEY VIEW STOCK FARM

Valley View Stock Farm offers for sale 6 Heifers from 2 to 6 months old; also 1 bull 8 months old. All from A. R. O. dams. Sire 31 lb. grandson of King Segis. For prices write

S. B. TAYLOR, CANASTOTA, N. Y., R. D. 1

Grandsons of **PONTIAC KORNDYKE.** From one of his best sons **Sir Pontiac Roxie Korndyke** who carries over 50% same blood as **King of The Pontiacs.** Calves are from A. R. O. dams.

PEACEFUL VALLEY FARM

Oxford Depot .·. Orange County .·. New York

$50,000 BREEDING!

For Sale—A Son of King Segis Pontiac Alcartra, from a 26.62-lb. dam. Ready for service. Also his full brother, born April 1, 1914. Both fine individuals. More white than black. For particulars address

S. J. FLEMING

"Maple Knoll Farm" Walden, N. Y.

ADVERTISEMENT

Having made up my mind to substitute pure bred Holsteins, will sell the best herd of Grade Holsteins in the country. Fifty cows averaging 1400 lbs. of milk per month. Thirty-five Heifers and Yearlings. Will also sell ten Jersey cows and eight Jersey Fall calves. This is the bargain of the year. Write for particulars.

CASE DAIRY FARM

Waterloo - - - - - - Iowa

BELLEVIEW FARM

Breeders of large, typical Holstein-Friesians. Choice bulls; tuberculin tested; backed by high average records.

E. B. WATROUS Troy Center, Wis.

"Of the Breeders By the Breeders For the Breeders"

Handy Herd Registers (looseleaf)
Nothing better in its line.
Pocket Herd Guides
The owner and herdsman's friend.
Official Record Test Books
The best on the market
Envelopes for Registry Certificates.
Pedigrees and Catalogs compiled.
Pedigree Blanks.
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LIVERPOOL SALE AND PEDIGREE CO.
Liverpool, N. Y.

SPRINGVALE STOCK FARM
"The Home of the Johannas"

If in need of a bull calf this winter do not fail to investigate the breeding of one sired by King Pieter Lyons and out of a daughter of Colantha Johanna Champion. A combination of breeding surpassed in no herd in the world.

W. J. GILLETT & SON
Rosendale, Wis.

TROUT BROOK HERD

Headed by King of the Pontiacs 4th, one of the best sons of his dad. Nothing for sale at present.

W. H. HORSTMAN, Schenectady, N.Y.

THREE JR. 2-YR-OLDS

Over 20 lbs. butter and over 460 lbs. milk each in 7 days, average age 1 yr. 11 mo. 16 days, have been raised at Eli Farm.

Bred cows and heifers soon due around $250 each. Unbred heifers around $175 each. Young bulls, own dams over 23 lbs. butter and over 600 lbs. milk in 7 days around $150.

Chas. Westerheide New Douglas, Ill.

THEY HAVE THE CLASS

We offer two grandly bred bull calves of outstanding individuality.

No. 1. Born Jan. 2, 1914.
Sire—Son of a 29.63-lb. cow.
Dam has—Butter 7 days .... 28.071 lb. Milk .....656.6 lb.
Butter 30 days ...115.05 lb. Milk.....2742.3 lb.
Milk one day 98.3 lb.

No. 2. Born Dec. 29, 1913.
Sire—Grandson of King of the Pontiacs, out of a 20.43-lb. two-year-old granddaughter of De Kol 2d.
Dam has—Butter 7 days ... 23.263 lb. Milk .....547.4 lb.
Butter 30 days.....96.466 lb. Milk ...2247.9 lb.
She a daughter of Lord Netherland De Kol (121 A. R. O. daughters).

These calves are choice in every respect and the price is very reasonable. Don't pay until you receive the calf. We can help you make money.

E. C. BRILL Stewartsville, N. J.

Are You Looking for a Prize Winner?

King Segis Johanna Grahamholm No. 93789.

Born July 9, 1911. Weight at 2 years 10 months, 1900 lbs.

He was Second Prize Winner at Minnesota State Fair, 1913, being beaten only by the bull that won First at the National Dairy Show.

This bull is as straight as a line and a beautiful individual. His cut appeared in this ad. last week—look it up.

SIRE: Sir Winana Beets Segis, who is proving himself one of the best sons of King Segis. Among his A. R. O. daughters are two-yr-olds with records of 23.93 lbs., 19.14 lbs., 18.40 lbs., and he now has a three-year-old daughter in test with 21.72 lbs. to her credit.

DAM: Netherland Johanna Maid. She has twice done excellent work in official test, her latest record being 20.84 lbs. butter in 7 days. Her sire is by a brother to the sire of King Segis.

For further information address.

GRAHAMHOLM HERD

W. J. BOYNTON, Manager ROCHESTER, MINN.

Future Candidates For Championship Honors

We offer two daughters of our senior herd sire, Prince Segis Korndyke 7th, 32005 They are beautiful individuals and although only eight and nine months old average close to 700 lb They have breeding and individuality, and also have the size and constitution which make them bargains at our price. Address

R. C. WILSON & SON

St. Lawrence Valley Farm Constable, New York

JENNINGHURST STOCK FARM

TOWANDA, PA.

Home of RAG APPLE KORNDYKE the greatest son of Pontiac Korndyke, offers a few choice bull calves.

W. W. JENNINGS, Towanda Pa.

RAISE PIGEONS

They Pay Dollars while Chickens pay cents

The young, 20 to 25 days old, sell for 40 to 60 cents each (according to the season). The city markets are always clamoring for them

Each pair of Pigeons will raise 18 to 22 young a year.

They will clear you, above all expenses, $5.00 a year per pair. They breed the entire year. Twenty minutes daily will care for 100 pairs.

Always penned up out of the way Very small space required

All this is fully explained in this month's issue of our Journal; send for it; price 10 cts.

Reliable Squab Journal, Versailles, Mo

37.68-LB. PROVEN SIRE FOR SALE

Fairview Korndyke Lad 48018; 15 A. R. O. daughters. Sire the great Pontiac Korndyke. 13 daughters with records from 30.38 to 38.03 lb. Dam, Pontiac Pet, 37.68 lb. World's Champion at time record was made. He has 87½ per cent the same breeding as King of the Pontiacs. Sire of the World's Champion cow, K. P. Pontiac Lass, 44.15 lb.

For pedigree and price write

MARBLE VALLEY STOCK FARM

R. F. Mead West Rutland, Vt.

FOR SALE

A son of King Segis Beets and out of Aaggie Cornucopia Mercedes Daughter with a record of 23.49 lb. at 4 years. She is a granddaughter of Aaggie Cornucopia Pauline, with a record of 34.32 lb.

R. E. DAVIS

R. F. D. 4 Vermillion, N. Y.

King Pontiac Calypso

53420

We consider the **best bred, best individual** and **best developed** son of his sire, King of the Pontiacs.

Just six years old, King Pontiac Calypso has already a 31.78-lb. junior 3-yr-old daughter. Twelve of his fifteen tested daughters, of which only four have reached 3 years of age, average 21.81 lbs. butter in 7 days, all testing 4% fat or better No four-year-olds are tested as yet.

In my herd are ten daughters of King Pontiac Calypso, all of which are excellent 30-lb candidates

I have for sale bull calves out of A. R. O daughters of King Pontiac Calypso. Also a bull calf out of a 21-lb. cow, and a bull calf out of a 23-lb. daughter of "KING," sired by King Lyons 3d. Also for sale a 2-mos.-old heifer calf sired by a grandson and out of a granddaughter of King of the Pontiacs.

Services of King Pontiac Calypso and two of his best sons to approved cows.

S. R. Clark

Onondaga Valley, N.Y.

Six Nearest Dams Average 31.78 lb.

Yearling bull ready for immediate service—7-8 black. Dam a 26-lb. daughter of a 30-lb. cow. Sire a son of a 38-lb. cow.

Also a few fine heifer calves by Johanna King Segis, a $4,150.00 son of the $7,000.00 40-lb. cow. The dams all have good A. R. O. records. Send for pedigree and prices.

Bonnie View Farm

JAMES GIBSON :-: White Plains, N. Y.

Maplehurst Farms

Herd Sires—

King Pontiac Canary, a son of King of the Pontiacs, from a 26-lb. daughter of Canary Mercedes Alban.

King Segis Pontiac Canary, a son of King Segis Pontiac, from a 30-lb. daughter of Canary Mercedes Alban.

The combination of these sires with our high record daughters of Lilith Pauline De Kol's Count, and other noted sires, cannot fail to get results.

Lamb & Langworthy

EAST HAMILTON, N. Y.

Don't cut, saw or burn the horns off—breed them off. By a polled bull guaranteed to produce more than 50% of hornless calves from horned cows. The polled trait was recognized by the Holstein-Friesian Association of America in 1887, Vol. 3 Bulls.

Of 27 calves from our matings only 5 with horns; 2 out of 3 from horned dams are hornless. Bull calves from 3 to 6 months of age from A. R. O. dams, $100 up. Have shipped to Indiana, Colorado, Connecticut and Pennsylvania—every purchaser pleased. Send for catalog.

GEO. E. STEVENSON & SONS, Waverly, Pa.

Chenango Valley Stock Farm

Herd headed by

PRINCE RAG APPLE KORNDYKE, No. 73415

Sire— **Pontiac Korndyke.**

Dam— **Fairview Rag Apple Korndyke.**

WHITMAN A. FOLLETT North Norwich, N.Y.

WE CAN SPARE 3 OR 4 YOUNG COWS

from 2 to 4 years old, granddaughters of King Segis Paul Beets De Kol, De Kol Hengerveld Burke or Sir Clyde. Bred to a son of King of the Pontiacs.

FRANK BACKMAN
Weedsport, N. Y.

NOW IS THE TIME

TO OBTAIN

FAIR PRINTING

We have the facilities to take care of your FAIR PRINTING promptly and to your satisfaction.

The Corse Press
Sandy Creek N. Y.

SIR PONTIAC VEEMAN HENGERVELD

Grandson of Pontiac Artis and Sir Veeman Hengerveld. Two nearest dams average 31.3 lbs. butter, 4.73 per cent. fat. I have young bulls ready for service. Extended pedigrees furnished.

E. M. LOWMAN
Lowman, N.Y.

SADIE VALE SIR ORMSBY 57600
(16 A. R. O. daughters)

The youngest son of Sadie Vale Concordia (30.64 lb.) heads our herd. We offer bull calves by him, and from promising young cows with records around 20 lb. at 2 years old. For pedigrees and other information address

JAMES W. FEAR
Maple Grove Stock Farm,
Holland Patent, N.Y.

26.6-lb. BULL CALF

Born Jan. 7, 1914—beautiful individual, nearly all white. Dam, a 30-lb. prospect, has a record of 22.68 lb. butter, 490.9 lb. milk. She has large udder and veins, with teats well placed. The sire is a 30-lb. bull of great merit. The price is right. We also have other good calves.

KEYSTONE FARMS, C. A. Pratt, Prop.
Le Raysville, Pa.

27-LB. SON OF PONTIAC KORNDYKE

Sir Beets Korndyke No. 91212, is our herd sire. We offer several of our older cows in calf to him for less than their next calves will be worth.

Here is your chance to raise a high-class herd.

Address

W. B. DODDS & SON
No. Hero, Vt.

RIVERSIDE STOCK FARM

Offers Holstein-Friesian bull born Nov. 18, 1913—Sire, Aaggie Cornucopia Johanna Lad 7th, a 32-lb. bull. Dam, a 17.50 2-yr-old daughter of King Hengerveld Segis. A fine individual, nicely marked. Price $100.00.

A. W. BROWN & SONS
W. Winfield, N. Y.

COL. D. L. PERRY
THE
HOLSTEIN AUCTIONEER.

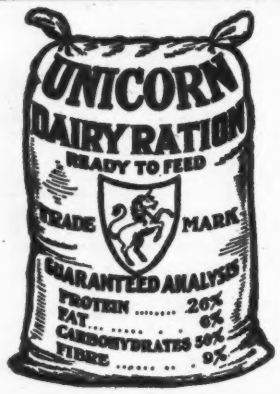
I also sell satisfaction.

COLUMBUS, OHIO.

TO AVOID INBREEDING

will sell at a sacrifice the bull, Korndyke Colantha King 91337, born March 10, 1911. Sire, Clothilde Korndyke Butter Boy 61738, dam, Perfection Colanthe 96470. A good animal, more white than black; Price—$125. F. O. B. cars.

E. S. BROWN, Horseheads, N. Y.



THE QUALITY FEED AT THE RIGHT PRICE

26% PROTEIN, 6% FAT, 9% FIBRE, 50% CARBOHYDRATES

CUTS FEED BILLS

MAKES BIGGER PROFITS

INCREASES YEARS MILK OUTPUT

WITH SUMMER PASTURAGE NOTHING SO GOOD

BEST FOR TESTS BEST FOR PROFITS

Write us for our free book on Modern Methods for Milk Production.

EASTERN SELLING OFFICE
7-R MERCHANTS ROW,
BOSTON, MASS.

CHAPIN & CO.

WESTERN SELLING OFFICE
BOX R, HAMMOND,
IND.

HEIFERS FOR SALE

We have some very nice 2 and 3-year-olds to sell. Price $200.00 to $250.00. Also bull calves at Farmers' prices, $20.00 and up, some grandsons of King of the Pontiacs. Will sell cheap.

H. PERKINS & SON, RED CREEK, N. Y.

Spring Farm King Pontiac

The greatest transmitting son of King of the Pontiacs.

Note the records and ages of his first four A. R. O. daughters:

	yr	mo.	days	lbs. but.	av. % fat
Spring Farm Grindetia Pontiac	2	9	3	22.00	4.43
Spring Farm Lotta Belle Pontiac	2	1	8	21.67	4.96
Spring Farm Pauline Pontiac 2d	2	3	11	20.03	4.25
Spring Farm Pontiac Maid	2	1	21	17.05	3.76

These four heifers, at an average age of of 2 years. 3 months, 26 days old, have made official seven day butter records averaging 20.19 lbs. Their milk averages 4.35% butter fat. Three of the four, or 75% have made over 20 lbs of butter in the seven days

We have a few sons of this grandly bred young sire, from cows with 22-lb. records or better.

Individually they are among the best we ever owned, are long-bodied, deep, straight and level, and show splendid constitutions, are nicely marked and good in every respect. Come and see them for yourself or write for pedigrees and prices.

STEVENS BROTHERS COMPANY
Liverpool, N. Y.

WANTED

30-lb. cows. A dozen or more. Must be good individuals, at right prices.

John Arfmann, Middletown, N.Y.

FOR SALE

Bull ready for service, born March 14, 1913, whose sire, Knight Errant, is by Piebe Paul and Lady Ormsby 27.82. His dam is Fay Nudine De Kol, 21.82, a daughter of Fay Hengerveld De Kol 26.-65. He is a good individual and mostly white. Priced right if taken at once. For further information address

B. F. SCHAUB R 1, Honey Creek, Wis.

Pontiacs

Bull and two heifer calves; great values. Price, $362 f. o. b., Orrville, Ohio.

A. HURSH, Orrville, Ohio

Show Bull

15 months old, sired by a 26-lb. son of King Walker. King Walker has 6 30-lb. daughters and sired a world's record 3-year-old. The dam of this bull made 14 lbs. as a two-year-old and topped the Waterloo sale last fall at $1200. This bull is 2-3 white and has a pedigree as long as a story book. First check for $250 gets him.

HOUSLET A. McNUTT
OXFORD, WIS.

KANSAS CITY FARM—BREEDERS OF K. C. HOLSTEINS

Preparatory to an extended vacation, before going over to Kansas City Farm near Kansas City, we are offering for sale our entire lot of unsold cattle consisting of 6 cows, herd bull, 3 young bulls, 5 heifers of breeding age and 3 young heifers. See or write.

T. J. DAUGHENBAUGH, Springfield, Ill.

FOR SALE—YEARLING BULL

7-8 white, a fine individual, son of the 24.8 junior 4-yr-old cow. Aaggie Oosterbaan 2d De Kol, No. 133475. Sire—Butter Boy Inka No. 63990, a 25-lb. son of De Kol 2d's Butter Boy 3d. For particulars address

H. W. WOODWARD Medina, Ohio

WHITFORD HOMESTEAD HERD offers four February and March bull calves from A. R. O. record dams, and sired by a grandson of Pontiac Korndyke, whose dam has a 26-lb. record.
The dam of one calf is a granddaughter of King of the Pontiacs.
Prices reasonable. Phone 6F34.

E. A. WHITFORD Adams Center, N. Y.

BULL BY 31-LB. SIRE

Bull born Oct. 12, 1913. 75 per cent white. A show bull sired by Briar Abbekerk De Kol whose dam is Briar Daisy 31.09 in 7 days. Average fat 5.09 per cent. Dam of calf an untested granddaughter of Duchess Ormsby Butter King, 43 A. R. O. daughters.

C. E. WARD PALMYRA, WIS.

ATTENTION!

I have two males in the $300 or better class to offer—one is of breeding age. Also a six months youngster from a good untested cow that I will sell at a low price—say $50. I own the 32-lb. bull, Spring Farm King Pontiac Mercedes 104884. Fee $100.

C. P. BARKER, Chippewa Falls, Wis.

Have You Settled the Bull Question?

Morsefield Butter King Rue may be just what you are looking for—born May 3, 1913, about evenly marked, very straight and a nice individual. He is a son of our herd sire, The King of Butter Kings 4th, and from a daughter of the great transmitting sire, Sir Johanna Rue 3d's Lad and a 25.8-lb. cow.

If you want a high class bull at a low price ready for service right now, address

FRED E. WELLS .·. Syracuse, N. Y.

Morsefield Herd

We are now offering a son of Korndyke Butter Boy. The dam who has just completed a record of nearly 20 lb. with first calf, was by Pontiac Korndyke and from a 21 lb. 3-yr.-old daughter of the 34 lb. cow, Polly Posch.

The calf was born March 5, 1914 and is a beauty, more white than black.

For pedigree and price address

HARRY B. DAVIS

Davisdale Farm :-: Chester, N. Y.

TYPEWRITTEN PEDIGREES

On the best quality paper 9½x14 with diagram. No. 2—14 ancestors Blue Book records (3 for $1), 35c. No. 5—14 ancestors up-to-date pedigree in 2 colors 75c. Carbon copies 10c each. Give name and number of sire and dam of animals not registered and of those having numbers above 205896 in cows and 111599 in bulls. For interesting prices on sale catalogs address

F. G. JOHNSON
37 W. Lane Ave., Columbus, Ohio.

? HAVE YOU ?

bought that bull yet ? We offer a son of our herd sire, Pontiac Triumph Cornucopia, who was by Pontiac Cornucopia, and from a 26-lb. daughter of Hengerveld De Kol. The dam is a 19-lb. daughter of Belle Korndyke Beryl Wayne. Calf was born October 20, 1913, and is a bargain at our price.

H. C. STANTON
Clifton Heights, Delaware County, Pa.

YOUR HOLSTEIN SALE
needs
MACK

Always on the job—for RESULTS.
In the box or in the ring.

For dates address

COL. J. E. MACK
Ft. Atkinson Wisconsin

HOLSTEIN AUCTIONEER

To insure the success of your sale you need Kelley in the box.

For dates write

Col. B. V. KELLEY. Syracuse, N. Y.

BLUE BOOK

HOLSTEIN-FRIESIAN ADVANCED REGISTER YEAR BOOK—(BLUE BOOK)

This book of a thousand pages, the first complete compendium of Holstein-Friesian records published by the Advanced Registry office, contains important information that will not be repeated in future volumes. It is, therefore, indispensable to the breeder who cares for a means of convenient access to the figures for all the official milk and butter records of the breed.

It contains a complete list of all sires, with all daughters that have been admitted to Advanced Registry from the commencement of official tests up to May 1, 1913, with their records. Also lists of the producing sons and daughters of such sires; a complete list of dams of two or more A. R. O. daughters, the daughters' records and the producing sons and daughters of such cows; lists of twenty-five leading animals in each of the seven classes of the four prize divisions, price lists, lists of cows tested during that year with their records, etc. A limited number of copies still remain and will be sold while they last at $2.00 per copy. Send all applications with check to M. H. Gardner, Supt. of Advanced Registry, Delavan, Wis.

WELL DRILLING Machines

Over 70 sizes and styles, for drilling either deep or shallow wells in any kind of soil or rock. Mounted on wheels or on sills. With engines or horse powers. Strong, simple and durable. Any mechanic can operate them easily. Send for catalog.

WILLIAMS BROS., Ithaca, N. Y.

VANDERKAMP FARMS

Holstein Bull Calves by Judge Segis Son of Famous King Segis

From A.R.O. dams. Two ready for service
Fine individuals—well marked

F. C. SOULE & SONS, SYRACUSE, N.Y.

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ON YOUR LAST CUTS DID THE ENGRAVER PAINT OFF THE HORNS OF THE BULL AND NOT KNOW IT?

If you have had trouble in getting good cuts of your Holsteins send them to me and tell me in cow language what you want to show and I will make the plates the way you want them for I have owned a few Holsteins myself.

C. F. TELLER, Pres.
ONONDAGA PHOTO-ENGRAVERS, Inc.
220 West Onondaga Street
Syracuse, N. Y.

We make cuts for the Holstein-Friesian World.

HENGERVELD DE KOL—KORNDYKE BULL

Hengerveld De Kol Klaasje 82532, is a fine two-year-old bull, more white than black, nicely marked, richly bred. Sire—Hengerveld De Kol 3d, 46475.

7 or more A. R. O. daughters and considered the best individual son of the great Hengerveld De Kol. Dam—Klaasje Clothilde 5th, 76760.

534.3 lbs. milk, 25.97 lbs. butter in 7 days. One of the 57 A. R. O. daughters of Earl Korndyke De Kol, a brother to Pontiac Korndyke.

Price $150.

UNITED BREEDERS' ASSOCIATION,
Wyalusing, Pa.

ANNOUNCING

King Pontiac Alcartra Johanna

A son of the $50.000 bull, King Segis Pontiac Alcartra, from the wonderful 34-lb. cow, Manor Johanna Pierterje Lady, who comes of 40-lb. breeding on both sides and is backed for generations by A. R. O. record ancestry.

The records of his dam and the three nearest dams of his sire average, **butter 7 days-33.43.**

If you want to share in the most popular breediug of today breed a few cows to King Pontiac Alcartra Johanna.

Service fee to insure approved cows only $100.00. Send for pedigree.

D. D. DECKER & SON

Picnic Grove Dairy **South Dayton, N. Y.**

Beautiful Heifer Calf

30-lb. breeding, mostly white, born January 15. Her sire is a son of a 32.94-lb. cow that has a 29.52-lb. 4-year-old full sister. Dam of calf is a 13-lb. Jr. 2-year granddaughter of Pietertje Hengerveld's Count De Kol, 99 A. R. O. daughters, 4 above 30 lbs; $250.

Safe arrival guaranteed.

Hard to beat the breeding; where can you beat the price?

HOBART W. FAY, Mason, Mich.

For Exceptional Bulls with the Greatest number of 30-lb. ancestors, address

C. S. AVERILL,

The Bancroft, Worcester, Mass.

Baled Shavings for Stable Bedding

Cheaper than Straw. A necessity in sanitary dairies. Best absorbent. Destroy odors. Improve manure. Write for carload price, delivered.

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Oscar Smith & Son New England Baled Shavings Co.

ALBANY, N.Y. ALBANY, N.Y.

Low Prices

Prompt Shipment

NONPARELL FARM

Herd sire, King Pontiac Lilith Altoana, No. 107196. Service fee $50.

A nicely marked bull calf from this sire and an untested and very promising two-year-old heifer, for $40. Calf guaranteed to please.

FAY & CLOYES

Earlville, N. Y.

A TYPICAL HOLSTEIN
Kearsarge Pontiac Butter Boy

His dam and sire's dam average,---

Milk 7 days	774.20
Butter 7 days	30.43
Milk 1 day	116.25
Milk 30 days	3050.40

His dam, grandam, and two sisters to his sire average (for the four),---

Milk 7 days	754.75
Butter 7 days	30.12
Milk 1 day	112.70
Milk 30 days	3072.15

This showing is unapproached by any other bull that ever lived.

Hastings & Prescott
Lacona, N. Y.

SPRING FARM HERD

The home of the $15,000 bull, Spring Farm Pontiac Cornucopia 77172, and his full brother, King Korndyke Pontiac Lass No. 115585.

I now offer

A Son of King Korndyke Pontiac Lass

from a 21.7-lb. junior 2-yr-old daughter of the great Spring Farm King Pontiac, whose first four daughters to freshen average over 20 lb. as junior 2-yr-olds. The six nearest dams of this calf average 33.56 lb., counting his own dam with 21.70; counting her out, the next five average 36.08 lb. The four line dams on the dam's side have records as follows: 21.70 junior 2-yr-old, 29.51 junior 4-yr-old, 34.89 full age, 21.00 lb. as a 12-yr-old never tested before.

Where can you beat it? Address

FRANCIS M. JONES, Clinton, Oneida Co., N.Y.

REST EASY HERD

HOME OF THE WORLD'S RECORD SON OF KING OF THE PONTIACS

King Pontiac Mayflower No. 105149, represents H. M. Dunham's judgment of what constitutes a desirable son of King of the Pontiacs, and Mr. Dunham's opinion on this point ought to carry weight, considering that for several years he has had charge of the daughters of King of the Pontiacs that have been making history for the breed.

The dam of King Pontiac Mayflower is the former World's Champion; Mayflower Lilith Pauline, with records at 3½ years of **510.9 lb. milk, 31.14 lb. butter in 7 days. 2185.6 milk, 128.13 lb. butter in 30 days.** Average test for 30 days **4.69 per cent fat.**

The owners announce that a few more approved cows will be received for service to King Pontiac Mayflower at $150 to insure a live calf.

A few young bulls are offered sired by Spring Farm King Pontiac, a brother to the 44-lb. cow. Two of these are from a 30-lb. daughter of Tidy Abbekerk Prince. Address (mentioning the World.)

H. M. DUNHAM & SONS, Marcellus, N. Y.

KING LUNDE PONTIAC KORNDYKE

The Greatest Young Sire of the Breed

The ONLY son of King of the Pontiacs from a dam with a semi-official year record of 1090.91 lbs butter and 26192.7 lbs milk (over 13 tons). Nearly 102 lbs milk per day for 100 days.

Send for our new printed matter. It will give full description of him, also description and prices of some of the choice, richly bred, heavy producing, A. R. O. cows and heifers, we are offering, in calf to him.

We can offer a few of his sons from high record dams.

A visit to our farms will convince you of the superior merits of the Greenwood Herd and of its wonderful herd sire, KING LUNDE PONTIAC KORNDYKE.

E. H. KNAPP & SON - - - Fabius, N. Y.

EMBLAGAARD HERD

Sires in Service:

Colantha Johanna Champion 45674. The proven son of Colantha 4th's Johanna.

Emblagaard Prince 80596. A son of Segis Walker Pietertje, 27.85 lbs. at 3½ years. His sire's dam, Abby Hartog Clothilde, 31.39 lbs., and dam's dam, Ruby Walker Pietertje, 30.21 lbs., are two of the only 30-lb. cows of the breed that have produced 30-lb. daughters, that have also produced 30-lb. daughters.

EMBLAGAARD DAIRY **BIG BAY, MICHIGAN**

Granite State Herd offers
SPRING FARM KING PONTIAC 6th's

first son. Born January 19, 1914, a splendid individual, very handsome, well built and marked. Average 4 nearest dams, 29.11 lbs. butter. His sire has a 34-lb. dam, a 37-lb grandam and a 44⅞ lb. sister.

His dam has nearly 21 lbs. at 3 years. and 76 lbs. milk in one day. She is developing into a wonderful cow. Her dam has a hot weather record of 23.72 lbs., and 98 lbs. milk in one day. A daughter has 101.8 lbs. milk in one day. Write for price and pedigree.

JOHN E. POTTER, Conway, N. H.

Seek-No-Further Herd Holsteins

Headed by and bred to a 32-lb. grandson of King of the Pontiacs.

Offer one of his sons for sale from a 17-lb. jr. 3-yr-old granddaughter of Johanna Rue 3d's Lad. Price $100.00 for quick sale.

H. A. WARD, Prop. **GREGORY, MICH.**

FOR YOUR CONSIDERATION

"A good bull is half the herd but a poor bull is the whole herd."

JOHANNA KING SEGIS 71964

is the best bull in the Northwest. He is the son of the $7,000 40-lb. cow, Johanna De Kol Van Beers. You can start right at the top of the ladder when you have a chance to use such a sire as this one. Our order book is rapidly filling but we will take a few more choice cows at service fee of $250.00 and will breed cows with 20-lb. records or better on halves.

OAK GROVE AND TWIN PINE FARMS

HOUSLET & McNUTT - - - OXFORD, WIS.

ADDRESS ALL CORRESPONDENCE TO NEAL HOUSLET, OXFORD, WIS.

GRAND VIEW HERD

A BUSINESS HERD THAT IS MAKING GOOD

First we used Veeman Butter Boy—a son of De Kol 2d's Butter Boy 3d. One of his 4 yr-old daughters has just completed a 30-lb. record. Her other daughters look just as good.

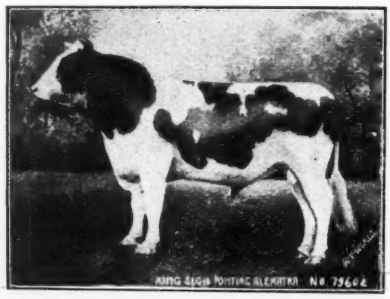
Our next sire was Count Pontiac, by Sir Korndyke Pontiac Artis, and from a 29.88-lb. 4-yr-old daughter of Sir Veeman Hengerveld.

Our Present Herd Sire is SPRING FARM KING AGATHA, the only sire in service whose three nearest dams average over 35 lb. This includes a 3-yr old and a 4-yr old.

Don't you want some of this combination?

WATKINS BROS., Camden, N. Y.

King Segis Pontiac Alcartra 79602



Does He Look Like $50,000 to You?

No matter whether he does or not the real good, bright up-to-date breeders are beginning to think he is the "King" and they are placing his sons at the head of their herds. Don't you think it would be well for you to stay in line and be one of the leaders? "King" has always tried to be a leader and he likes to stay well to the front. We shall try and keep him there. He will be used on more 30-lb. cows next winter than any other bull of the breed. If you place a son of his at the head of your herd, you will have some of the best and most noted breeders in the United States and Canada working for you. Get busy and be one of the Boys as that is the way to make Holsteins pay.

JOHN ARFMANN

FAIRMONT FARM **MIDDLETOWN, N. Y.**

THE GREAT BULL---Lewis Prilly Rouble Hartog 2d---Son of Addie De Kol Hartog

Of the four families of three generations of 30-pound cows,

Three Families are Produced by the Animals of His Four Generation Pedigree

DAMS	DAUGHTERS	GRANDDAUGHTERS
Abby Hartog Clothilde 605.9 milk, 31.39 butter	Addie De Kol Hartog at 4 y. 1 mo. 518.7 milk, 30.50 butter	Addie De Kol Hartog 2d at 3 y. 640 milk, 30.68 butter
Buttercup Clothilde Pietertje 576.7 milk, 32.92 butter	Mary Walker Pietertje 603.5 milk, 31.81 butter	Marion Walker Pietertje 560.7 milk, 31.63 butter
Beauty Pietertje 518.8 milk, 30.51 butter	Lillian Walker Pietertje 611.6 milk, 30.01 butter	Ruby Walker Pietertje 30.21 butter

Average. 580.1 lbs. milk. 31.07 lbs. butter

No other bull, living or dead, combines so closely the blood of so many large producing sires and dams, (the only two animals, not in his four generation pedigree, involved in the three-fold succession of 30-pound cows, are Admiral Walker, sire of Lillian Walker Pietertje and Admiral Walker Pietertje, sire of Mary Walker Pietertje.)

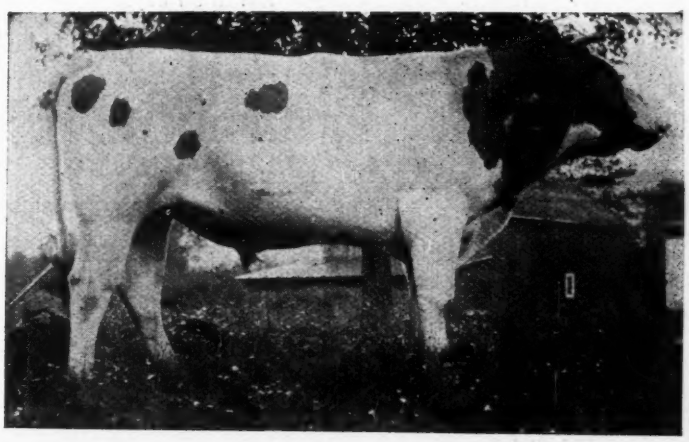
See the Next Issue for the Other Great Bull, SIR PRILLY WALKER.

FOR SALE—Four young bulls. Sire, the Prilly Rouble bull. Dams, daughters of Prilly Walker.

Meadow Brook Farms, Blairstown, N. J.

JOHN C. SHARPE, Proprietor **R. L. WILLIAMS, Superintendent**

Tidy Abbekerk Prince
No. 37770



Did you know that Tidy Abbekerk Prince now has

Five Thirty Pound Daughters?

Did you know that his dam, Tidy Abbekerk, was the Canadian Champion for a number of years both in the show ring and for butter production (A. R. O. 27.29 lb.)?

Did you know that Tidy Abbekerk was a producer through her daughters as well as through her sons, having two with records greater than 28 lb.?

Did you know that Tidy Abbekerk Prince is individually unsurpassed, and that he transmits this great quality along with great production to all his offspring?

Did you know that it would be wise to have a few cows in calf to this great bull before the next testing season opens? Why? Ask H. M. Dunham, he owns twenty-five of his daughters.

Did you know that for the nominal charge of $100, you could possess a living calf from this great bull?

HENRY LATHROP & SONS
SHERBURNE, N. Y.

STEVENS BROTHERS COMPANY
LIVERPOOL, N. Y.

Finderne Stock Farms

is the birth place and home of the best bred bull of the age. To think his dam is the first 40-lb. cow "Valdessa Scott 2d" No. 72311, and his sire's dam is the 44-lb. Champion of the World, "K. P. Pontiac Lass," thereby giving this youngster who was born May 12th an average for dam and sire's dam of 43 lbs. of butter in 7 days, and 167 lbs. in 30 days.

This is the place for breeding. We have only a few young bulls left.

B. MEYER, Finderne, N. J.

HEIFERS AND YOUNG COWS FOR SALE

Have some very nice yearlings not bred, and young cows soon to freshen. **Price $150.00 to $250.00.** Also bull calves at Farmers' prices, **$50.00 and up,** some grandsons of Sir Woodcrest Korndyke Kate De Kol 36366, who's first 15 daughters to be tested are better than 25 lbs. each, five of them 2-yr-olds. All bull calves with A. R. O. dams from 23.86 lb. 3-yr-old, to 36.15 lb. 6-yr-old. Sired by Woodcrest Aaggie Lad, 67178, a son of Homestead Girl De Kol Sarcastic Lad and Woodcrest Aaggie Tehee. Butter 24.52, milk 645.3, 4 yrs.

A. R. OWEN, Maplewood Farm, Goshen, N. Y.

A FINE FOUNDATION HERD FOR SALE

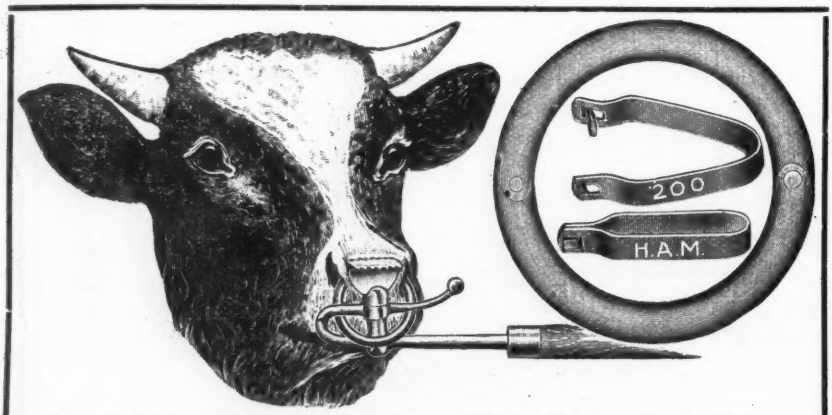
Minita Butter Boy 4th, No. 71404, by Minita Butter Boy, No. 28908, with 11 A. R. O. daughters, he by Pontiac Butter Boy, with 57 A. R. O. daughters. Dam—Pauline De Kol Pride, butter in 7 days, 26.83 lb.; milk, 508.60 lb.; per cent fat, 4.22.

3 A. R. O. cows, bred to Johanna Concordia Champion, whose individuality, breeding and get prove him to be one of the greatest bulls of the breed.

3 A. R. O. cows bred to Duke Ormsby Pietertje De Kol, whose dam is Lindenwood Hope, the champion senior four-year-old, year-record cow of the world.

This is a chance to get just what you want and just what you should have at a right price. Don't delay, but come and see them or write for desired information.

L. E. CONNELL, FAYETTE, FULTON CO., OHIO



KING SEGIS PATENT LOCK

Ear Tags, Bull Staffs & Bull Rings. Description and prices of all sent on application, including samples of Ear Tags. 250,000 of these Tags have been sold without adverse criticism.

500 of these Bull Staffs are in use by the best breeders in the business.

H. A. MOYER, SYRACUSE, N. Y.

4 FEMALES FOR SALE

Three full-aged cows and one two-year-old daughter. Two of the cows average 20 lbs. A. R. O. records.

Also a bull calf, out of an official dam. Calf more white than black, good individual. Sired by a bull whose dam's sire has four daughters over 30 lbs.

BELVOIR FARM Lake Geneva, Wis.

FOR SALE—6 cows for $1000.00. One 2 years old with A. R. O. record; one 3 years old; four of my foundation cows, nicely bred, nice individuals and large producers, from 9 to 11 years old, three of them bred to freshen this Fall to Colantha Capitola Prince, whose dam and two nearest dams of sire average 31.86 butter in 7 days. Also a few bull calves from A. R. O. dams by the same sire.

J. G. Horner Lamson, N. Y.

Quality Does Not Depend on Price

But the merit of

KING SEGIS PONTIAC ALCARTRA

is indicated by the price that was paid for an interest in him after a careful canvass of the whole situation for he is a sire of

TRUE $50,000 QUALITY

The mere fact that he is the highest priced sire of the breed will avail nothing if he himself fails to make good. The price paid is therefore simply an expression of our confidence in his future

Here are a few of the reasons why we selected him:

1.—The bull himself—a magnificent individual, faultless in conformation.
2.—His breeding—which is known the world over.
3.—His offspring—all young as yet—prize winners wherever shown, giving certain assurance of future greatness. Mr. Arfmann has sixty young daughters of this kind from his best cows, and more coming.
4.—His present standing. Breeders have had a growing conviction that this was a coming sire. There have not been enough of his sons to supply the demand.
5.—His opportunities for the future. Mr. Arfman, before the year is out, will have at least twenty-five thirty-pound cows to breed to him. Added to these will be an equal number in our own herd, as well as the balance of our two large herds.

No other sire ever had an equal opportunity. No other sire ever lived better able to make the most of his opportunity. KING SEGIS PONTIAC ALCARTRA knows no limit. Watch him.

THE LAWSON HOLDING CO., Inc.
LA GRANGEVILLE, N. Y.

N. B.—We have no sons of King to offer yet, but we have some splendid bargains in young bulls, by some of the best sires of the breed, from good A. R. O. dams with records up to 31.8-lb.

HOLSTEIN-FRIESIAN FACTS

THAT EVERY ONE SHOULD KNOW

Banostine Belle De Kol, the CHAMPION COW OF THE WORLD, was bred, reared and developed at Maplecrest Farm.

High-Lawn Hartog De Kol, the only cow the world has ever produced to make over 1200 pounds of butter in a year and have a daughter to do the same, was bred, reared and developed at Maplecrest Farm.

Daisy Grace De Kol, the greatest Junior four-year-old the world has ever produced, was bred, reared and developed at Maplecrest Farm.

The only three daughters of one sire each to produce over 1200 lbs. of butter in a year were bred, reared and developed at Maplecrest Farm.

Friend Hengerveld De Kol Butter Boy, the sire of all of the cows mentioned above, is now owned and in service at Maplecrest Farm.

Only fifteen of the leaders in the various Holstein-Friesian classes were reared and developed by the person who bred them. Five out of the fifteen were bred, reared and developed at Maplecrest Farm.

Maplecrest Farm has bred, reared and developed as many of the six greatest yearly record Holstein-Friesian cows as all other breeders and firms combined.

Pontiac Aaggie Korndyke, the Junior sire at Maplecrest Farm, has more 30-lb. daughters than any other living sire. Only three other sires have ever had more 30-lb. daughters than he now has. One of these was his own sire and another the sire of his dam. No other sire ever had as many 30-lb. daughters at his age.

The daughters of Pontiac Aaggie Korndyke have made greater yearly records than have the daughters of any other sire except Friend Hengerveld De Kol Butter Boy.

Euphrasia A., the great foundation cow of Maplecrest Herd, has more great cows tracing back to her all the way through females than any other cow living or dead.

At Maplecrest Farm three cows have been bred, reared and developed each of which has made more than 1200 lbs. of butter in a year. One cow to produce over 1200 pounds of butter in a years is as many as any other breeder or firm has been able to breed, rear and develop.

A few choice bull calves for sale.

THE MAPLECREST STOCK FARM COMPANY Successor to DAN DIMMICK & BRO.

Telephone Connection between Farms and Office

OFFICE AT KALAMAZOO, MICH. **FARMS AT EAST CLARIDON, OHIO**

Spring Farm King Pontiac 6th

On this page during the past year we have told you of Spring Farm King Pontiac 6th. We have discussed his pedigree from most every angle and from whatever point of view, it has always shown up unexcelled and in almost every respect unapproached.

In the extreme high records of his immediate ancestors

In the percentage of extreme high producing blood he carries

In the proven transmitting powers of his dam and her ancestors and the

Proven transmitting powers of his sire and his ancestors.

In all these, Spring Farm King Pontiac 6th **stands without an equal.**

There still remains to be discussed his opportunity. He is having our own large herd and many high class outside cows to work upon. Stevens Bros. own his sire, who is the best son and logical successor of King of the Pontiacs. Mr. Jones owns his dam and a large number of his sisters all of which are young.

Spring Farm King Pontiac 6th will have opportunity, his sire and his sisters will be developed. **(All worth considering.)** Spring Farm King Pontiac 6th is a two-year-old now, his calves look good. He himself is an exceptionally good individual.

Now the breed progresses, the great sires of today are greater than the great sires of a generation ago. What bull will have a better right by heritage or opportunity to lead the still greater sires of tomorrow?

The better student of Holstein history and breeding that you are and the more you study the pedigree and collateral facts regarding Spring Farm King Pontiac 6th, the more you will be convinced that you want some of his blood.

SEND FOR BOOKLET

HENRY STEVENS & SON

Brookside Stock Farm

Lacona, N. Y.

(Established 1876) **(175 Head)**